

**2016 OU2 GROUNDWATER INVESTIGATION
DATA SUMMARY REPORT
VPB167**

**NAVAL WEAPONS INDUSTRIAL RESERVE PLANT (NWIRP)
SITE 1 OU2
BETHPAGE, NY**

Prepared for:



**Department of the Navy
Naval Facilities Engineering Command, Atlantic
9324 Virginia Avenue
Building Z-144
Norfolk, Virginia 23511**

March 2017

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9324 Virginia Avenue
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Prepared by:



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**Contract Number: N62470-11-D-8013
CTO WE15**

March 2017

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Table of Contents

LIST OF ACRONYMS AND ABBREVIATIONS	III
1.0 PROJECT BACKGROUND	1
1.1 Scope and Objectives.....	1
1.2 Site History	1
1.3 Geology and Hydrogeology.....	2
2.0 FIELD PROGRAM.....	4
2.1 Vertical Profile Borings	4
2.1.1 Drilling	4
2.1.2 Sampling.....	4
2.1.3 Geophysics.....	5
2.2 Decontamination and Investigation Derived Waste (IDW)	5
2.3 Surveying	6
3.0 REFERENCES	7

Tables

Table 1 Vertical Profile Boring Summary

Figures

Figure 1 General Location Map

Figure 2 VPB167 Location Map

Appendices

Appendix A VPB167

- Section 1 VPB167 Boring and Gamma Logs
- Section 2 VPB167 Gamma and PCE/TCE Plot
- Section 3 VPB167 Groundwater Sample Log Sheets
- Section 4 VPB167 Analytical Data Validation
- Section 5 VPB167 Analytical Data Table
- Section 6 VPB167 Survey

Appendix B Geologic Cross Sections derived from Environmental Sequence Stratigraphy (ESS)

List of Acronyms and Abbreviations

AOC	Area of Concern
bgs	below ground surface
COR	Continuously Operating Reference
CSM	Conceptual Site Model
Dod	Department of Defense
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency, United States
ESS	Environmental Sequence Stratigraphy
ft	feet
GOCO	Government-Owned Contractor-Operated
GPS	Global Positioning System
IDW	Investigation Derived Waste
IR	Installation Restoration
Katahdin	Katahdin Analytical Services
NAD	North American Datum
NAVD	North American Vertical Datum
NAVFAC	Naval Facilities Engineering Command
NG	Northrop Grumman
NWIRP	Naval Weapons Industrial Reserve Plant
NYSDEC	New York State Department of Environmental Conservation
OU	Operable Unit
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethene
PID	Photoionization Detector
POTW	Publicly Owned Treatment Works
PPE	Personal Protective Equipment
SAP	Sampling and Analysis Plan
SVOC	Semivolatile Organic Compounds
TCE	Trichloroethene
TCL	Target Compound List
TCLP	Toxicity Characteristic Leaching Procedure
TOC	Total Organic Carbon
UFP	United Federal Programs
VOC	Volatile Organic Compounds
VPB	Vertical Profile Boring

1.0 PROJECT BACKGROUND

Resolution Consultants has prepared this Data Summary Report for the Naval Facilities Engineering Command (NAVFAC), Mid-Atlantic under contract task order WE15 Contract N62470-11-D-8013. This report describes vertical profile boring (VPB) installation activities (specifically at the VPB167 location) in 2016 for the Naval Weapons Industrial Reserve Plant (NWIRP) Bethpage Operable Unit (OU) 2 Site 1 offsite plume. NWIRP Bethpage is located in east-central Nassau County, Long Island, New York, approximately 30 miles east of New York City (Figure 1).

1.1 Scope and Objectives

This data summary report provides information on the installation of VPB167. The purpose of the VPB167 investigation was to ascertain subsurface conditions and contaminant levels upgradient of the Massapequa Water District. VPB locations within the general vicinity of VPB167 are shown in Figure 2. VPB167 was completed to 1010 feet (ft) below ground surface (bgs).

Field tasks were conducted in 2016 in accordance with the *United Federal Programs Sampling and Analysis Plan (UFP SAP)*, Bethpage, New York (Resolution Consultants, 2013a) and the *UFP SAP Addendum Installation of Vertical Profile Borings and Monitoring Wells* (Resolution Consultants, 2013b). The field investigation included completing one vertical profile boring, groundwater grab samples, geophysical logging, and surveying.

Documentation of these activities is included in Appendix A of this report.

1.2 Site History

NWIRP Bethpage is in the Hamlet of Bethpage, Town of Oyster Bay, New York. Since its inception in 1941, the plant's primary mission was the research, prototyping, testing, design, engineering, fabrication, and primary assembly of military aircraft. The facilities at NWIRP included four plants used for assembly and prototype testing, a group of quality control laboratories, two warehouse complexes (north and south), a salvage storage area, water recharge basins, the Industrial Wastewater Treatment Plant, and several smaller support buildings.

The Navy's property originally totaled 109.5 acres and was formerly a Government-Owned Contractor-Operated (GOCO) facility that was operated by Northrop Grumman (NG) until September 1998. Prior to 2002, the NWIRP property was bordered on the north, west, and south by current or former NG facilities, and on the east by a residential neighborhood. By March 2008, approximately 100 acres of NWIRP property were transferred to Nassau County in three separate

actions. The remaining 9 acres and access easements were retained by the Navy to continue remedial efforts at Installation Restoration (IR) Site 1 – Former Drum Marshalling Area and Site 4 – Former Underground Storage Tanks (Area of Concern [AOC] 22). A parcel of land connecting the two sites was also retained. Currently, the 9-acre parcel of NWIRP is bordered on the east by a residential neighborhood and on the north, south, and west by Steel Equities; however, a small portion near Sites 2 and 3 is still owned by Nassau County. Access to the NWIRP is from South Oyster Bay Road.

1.3 Geology and Hydrogeology

Overburden at the site consists of well over 1,000 ft of unconsolidated deposits overlying crystalline bedrock of the Hartland Formation. Overburden is divided into four geologic units: the upper Pleistocene deposits, the Magothy Formation, the clay member of the Raritan Formation ("Raritan Clay") and the Lloyd Sand member of the Raritan Formation ("Lloyd Sand") (Geraghty and Miller, 1994).

The upper Pleistocene ranges in thickness from approximately 50 to 100 ft and consists of till and outwash deposits of medium to coarse sand and gravel with lenses of fine sand, silt and clay (Smolensky and Feldman, 1988); these deposits form the Upper Glacial Aquifer. Directly underlying this unit is the Magothy Formation with a thickness of 650 to 900 ft that extends to a depth of 700 to 1,000 ft bgs, as observed at the former NWIRP and extending southeast to areas south of Southern State Parkway. Locally at VPB167, the bottom of the Magothy (top of the Raritan Clay) is encountered at approximately 998 feet bgs. The Magothy is characterized by fine to medium sands and silts interbedded with zones of clays, silty sands and sandy clays. Sand and gravel lenses are found in some areas between depths of 600 and 880 ft bgs; these deposits form the main producing zones of the Magothy Aquifer.

Investigations performed by the Navy since 2012 indicate that the bottom of the Magothy (top of the Raritan Clay) can extend to depths of 700 to greater than 1,000 ft bgs. The top of the Raritan Clay deepens to the south-southeast, as evidenced by clay depths of 1,000 ft bgs (or more) in borings installed offsite. The Raritan Clay Unit is of continental origin and consists of clay, silty clay, clayey silt, and fine silty sand. This member acts as a confining layer over the Lloyd Sand Unit. The Lloyd Sand Unit is also of continental origin, having been deposited in a large fresh water lacustrine environment. The material consists of fine to coarse-grained sands, gravel, inter-bedded clay, and silty sand. These deposits form the Lloyd Aquifer.

The Upper Glacial Aquifer and the Magothy Aquifer comprise the aquifers of interest at the NWIRP. Regionally, these formations are generally considered to form a common, interconnected aquifer as the coarse nature of each unit near their contact and the lack of any regionally confining clay unit allows for the unrestricted flow of groundwater between the formations.

The Magothy Aquifer is the major source of public water in Nassau County. The most productive water bearing zones are the discontinuous lenses of sand and gravel that occur within the siltier matrix. The major water-bearing zones are coarse sand and gravel lenses located in the lower portion of the Magothy. The Magothy Aquifer is commonly regarded to function overall as an unconfined aquifer at shallow depths and a confined aquifer at deeper depths. The drilling program at the NWIRP has revealed that clay zones beneath the facility are common but laterally discontinuous. No confining clay units of facility-wide extent have been encountered. This is also the case for borings installed offsite.

Groundwater is encountered at a depth of approximately 50 ft bgs at the facility. Historically, because of pumping and recharge at the facility, groundwater depths have been measured to range from 40 to 60 ft bgs. The groundwater flow in the area is to the south-southeast.

Resolution Consultants reviewed the geologic data and regional literature and developed four representative base-wide cross sections to support development of a Conceptual Site Model (CSM). A description of the application of Environmental Sequence Stratigraphy (ESS) and the results are provided in Appendix B.

2.0 FIELD PROGRAM

Field investigation activities at VPB167 consisted of drilling, sampling, soil/groundwater analysis, geophysical logging, and surveying. Drilling during this investigation was performed by Delta Well and Pump Company of Ronkonkoma, New York. A description of these tasks is provided below.

2.1 Vertical Profile Borings

One vertical profile boring (VPB167) was completed during this field effort between March 14, 2016 and May 12, 2016. The total depth of VPB167 was 1010 ft. The location is shown in Figure 2 and details are summarized in Table 1.

2.1.1 Drilling

VPB 167 was installed by drilling an 8-inch diameter hole using mud rotary drilling techniques. Drilling mud consisted of potable water and polymer-free sodium bentonite or equivalent material. Drilling mud was contained and re-circulated in baffled, high capacity mud tubs. A sand separator was used intermittently to remove fines from circulation.

2.1.2 Sampling

A total of twelve (12) split spoon samples were collected from ground surface to the bottom of the boring. A change in geology was observed by the field geologist at 998 ft bgs and three (3) split spoon samples were subsequently collected to confirm the presence of the Raritan Clay. Samples were logged by the field geologist and screened for Volatile Organic Compounds (VOCs) utilizing a photoionization detector (PID). A detailed boring log for VPB167 is included in Appendix A.

Groundwater grab samples were collected every 50 ft for the first 200 ft of borehole depth. After the first 200 ft, groundwater grab samples were collected approximately every 20 ft until the boring terminated in the Raritan. Groundwater grab samples were collected with a hydropunch sampler and analyzed for VOCs using Environmental Protection Agency (EPA) Method 8260C. The groundwater grab samples were analyzed by Katahdin Analytical Services (Katahdin), a Department of Defense (DoD) Environmental Laboratory Accreditation Program (ELAP), and New York State Department of Environmental Conservation (NYSDEC)-certified laboratory. During the collection of groundwater grab samples, field parameters were measured (pH, temperature, specific conductivity, oxidation reduction potential, dissolved oxygen, and turbidity). Data validation was performed by Resolution Consultants. Groundwater grab sample logs, data validation packages, and analytical data tables are included in Appendix A.

One soil sample was collected for laboratory analysis for total organic carbon (TOC) by EPA series SW-846 method 9060A. During drilling, air sampling was conducted under a Community Air Monitoring Plan. One air sample was collected using a Summa canister and submitted for laboratory analysis by EPA Method TO-15. All analyses were performed or sub-contracted by Katahdin. Data validation of both TOC and air data was performed by Resolution Consultants. Data validation packages and analytical data tables are included in Appendix A.

2.1.3 Geophysics

Borehole geophysical logs (gamma) were recorded after the borehole was drilled but prior to the removal of drill rods. A Mount Sopris Instrument model 2PGA-100 poly gamma was used. Starting at the top of the hole, the probe was advanced at a maximum rate of 12 ft per minute. A copy of the log was printed in the field for review once the probe reached the bottom of the borehole. The instrument was then raised to the top of the boring and a second log was generated and printed in the field. The down hole gamma log sheets and plots comparing the gamma log with trichloroethene (TCE) and tetrachloroethene (PCE) concentrations from hydropunch samples are included in Appendix A.

2.2 Decontamination and Investigation Derived Waste (IDW)

Resolution Consultants utilized dedicated and disposable sampling equipment when possible to avoid the potential for cross-contamination of samples. The sampling equipment included dedicated plastic scoops, disposable Teflon or polyethylene tubing, disposable gloves, and laboratory supplied sample bottles. Hand held equipment, split spoons, and the hydropunch were decontaminated using Luminox and water wash, a potable water rinse, followed by a distilled water rinse. Water was collected in 5-gallon pails or 55-gallon drums.

As part of the IDW management practices and in accordance with the SAP, the investigation waste (consisting of soil cuttings, drilling muds, IDW fluids, and personal protective equipment [PPE]) generated during the boring installation was containerized and staged at NWIRP Bethpage. IDW solids were characterized and disposed of properly. Representative samples from each roll off were submitted to Katahdin for analysis of:

- Target Compound List (TCL) VOCs
- TCL Semi-volatile Organic Compounds (SVOCs)
- Toxicity Characteristic Leaching Procedure (TCLP) Metals

- Polychlorinated Biphenyls (PCBs)
- Total petroleum hydrocarbons
- Corrosivity
- Ignitability
- Reactive Cyanide
- Reactive Sulfide
- Paint Filter

IDW water was containerized in frac tanks and stored at NWIRP Bethpage for characterization and ultimate disposal to the Publicly Owned Treatment Works (POTW), in accordance with the facilities existing discharge permit. A representative water sample was collected from each frac tank and submitted to Katahdin for analysis of VOCs via Method SW 624, pH via Method SW 9040B, PCBs via Method 8082 and Total Metals via Method SW 846. To the extent feasible, soil and water were not mixed. All analytical criteria were met for disposal of soil and water.

2.3 Surveying

A survey of the boring location was conducted at the end of fieldwork by C. T. Male, Inc., of Latham, NY, under the direct supervision of Resolution Consultants. The location was tied into the existing base map developed for this investigation. The survey elevation is referenced to the North American Vertical Datum (NAVD) 1988 and has a vertical accuracy of 0.01 foot. Vertical control is based on observations of the Continuously Operating Reference (COR) Stations Queens and Central Islip. The horizontal location is referenced to the North American Datum (NAD) 1983 (2011) N.Y. Long Island Zone 3104 and has an accuracy of 0.1 foot. Local horizontal and vertical control is based on Global Positioning System (GPS) observations using the NYS Net Real Time Network.

A table of survey data (ground, latitude/longitude and northing/easting) and a survey map is included in Appendix A.

3.0 REFERENCES

- Geraghty and Miller, Inc., 1994. *Remedial Investigation Report, Grumman Aerospace Corporation, Bethpage, New York*. Revised September 1994.
- Naval Facilities Engineering Command (NAVFAC), 2003. *Record of Decision Naval Weapons Industrial Reserve Plant Bethpage, New York, Operable Unit 2 – Groundwater*, NYS Registry: 1-30-003B. April.
- Resolution Consultants, 2013a. *United Federal Programs Sampling and Analysis Plan, Site OU-2 Offsite TCE Groundwater Plume Investigation*, NWIRP, Bethpage, New York. April.
- Resolution Consultants, 2013b. *UFP SAP Addendum, Installation of Vertical Profile Borings and Monitoring Wells*. NWIRP, Bethpage, New York. December.
- Smolensky, D., and Feldman, S., 1988. *Geohydrology of the Bethpage-Hicksville-Levittown Area, Long Island, New York*, U.S. Geological Survey Water-Resourced Investigations Report 88-4135, 25 pp.

Data Summary Report

VPB167

NWIRP Bethpage, NY

March 2017

Tables

TABLE 1
VERTICAL PROFILE BORING SUMMARY
2016 OU2 GROUNDWATER INVESTIGATION
NWIRP BETHPAGE, NY

March 2017

BORING	BORING START DATE	BORING COMPLETION DATE	GROUND ELEVATION (MSL)	TOTAL DEPTH (ft bgs)	SURFACE CASING SET AT (ft bgs)	NO. OF SPOON SAMPLES	GAMMA LOG (ft bgs)	NO. GW SAMPLES COLLECTED/ DUPLICATES/ ATTEMPTED	TOC SAMPLE DEPTH (ft bgs)	DATE OF AIR SAMPLE	MONITORING WELLS INSTALLED AT LOCATION
VPB167	3/14/2016	5/12/2016	48.85	1010	53	12	1008	42*/2/5	563-565	4/27/2016	RE133D1, RE133D2

MSL - mean sea level

ft bgs - feet below ground surface

GW - Groundwater

TOC - Total Organic Carbon

*42 samples collected; 1 sample (858-860 ft bgs) lost to breakage.

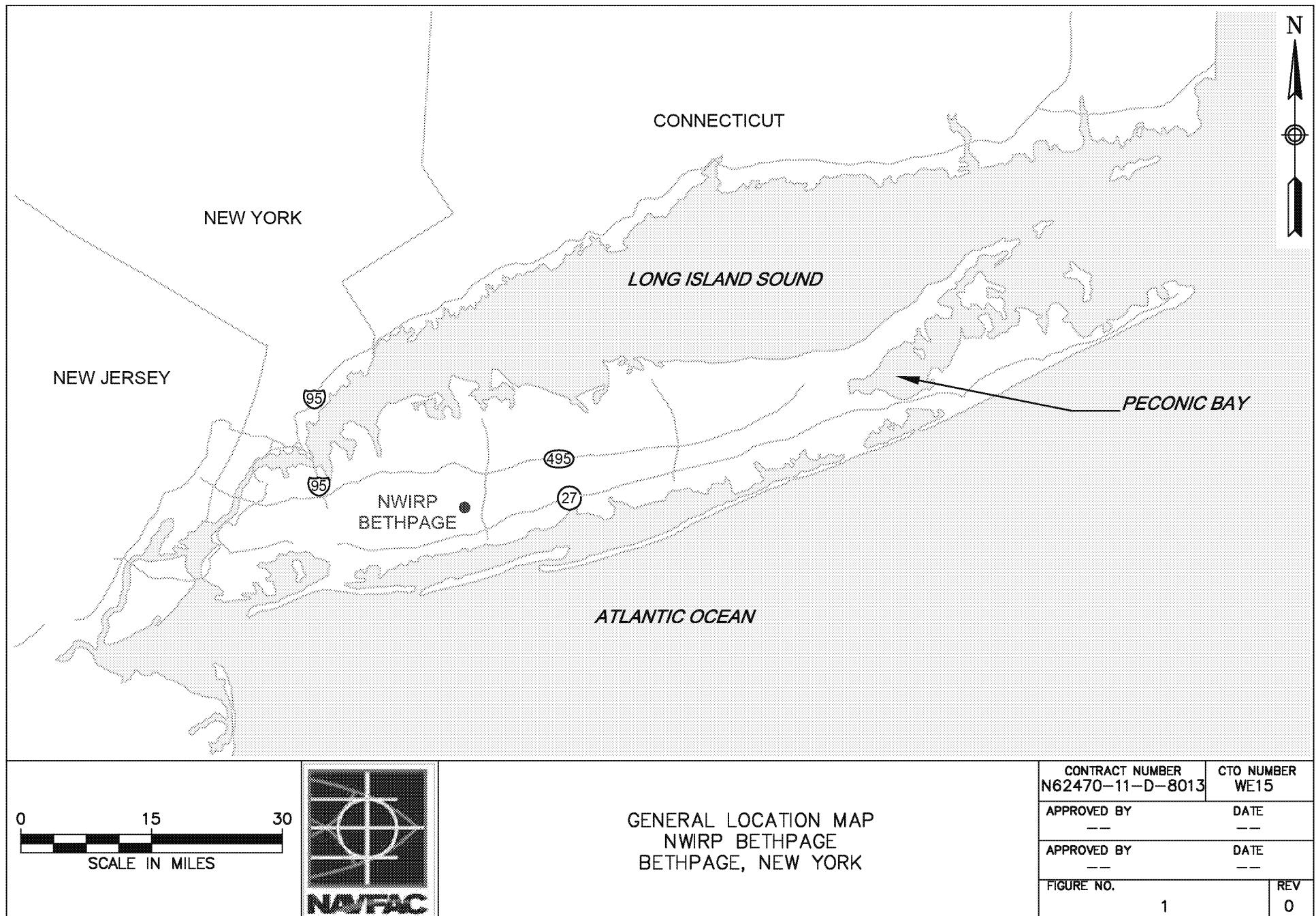
Data Summary Report

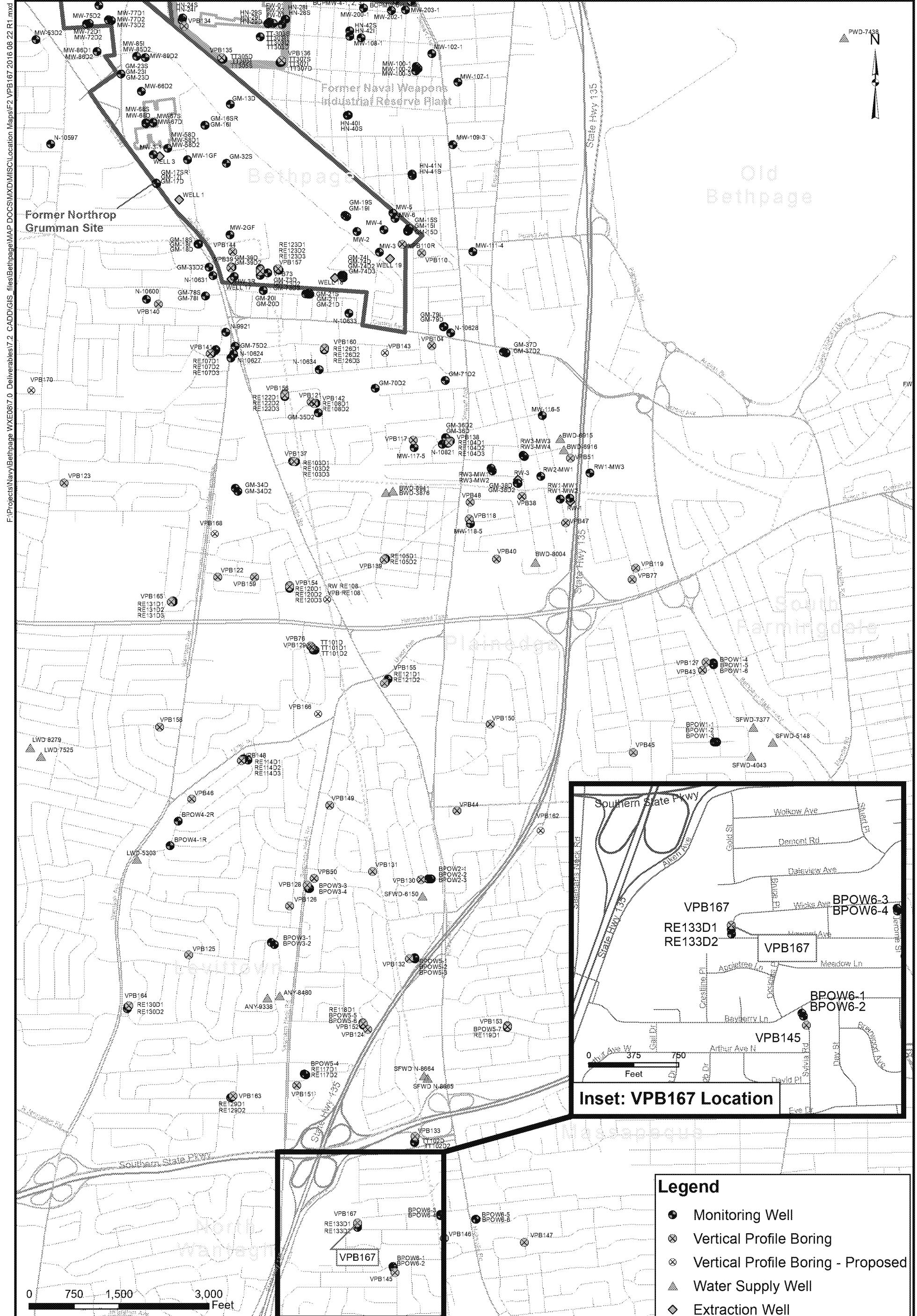
VPB167

NWIRP Bethpage, NY

March 2017

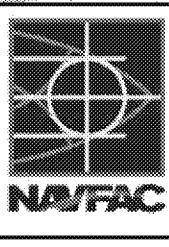
Figures





VPB167 LOCATION MAP
NAVAL WEAPONS INDUSTRIAL RESERVE PLANT
BETHPAGE, NEW YORK

CONTRACT NUMBER	N62470-11-D8013	CTO NUMBER	WE15
APPROVED BY	PS	DATE	8/22/2016
APPROVED BY	_____	DATE	_____
FIGURE NO.			2
REV			0



Data Summary Report

VPB167

NWIRP Bethpage, NY

March 2017

Appendix A

VPB167

Section 1
VPB167 Boring and Gamma Logs

Resolution Consultants

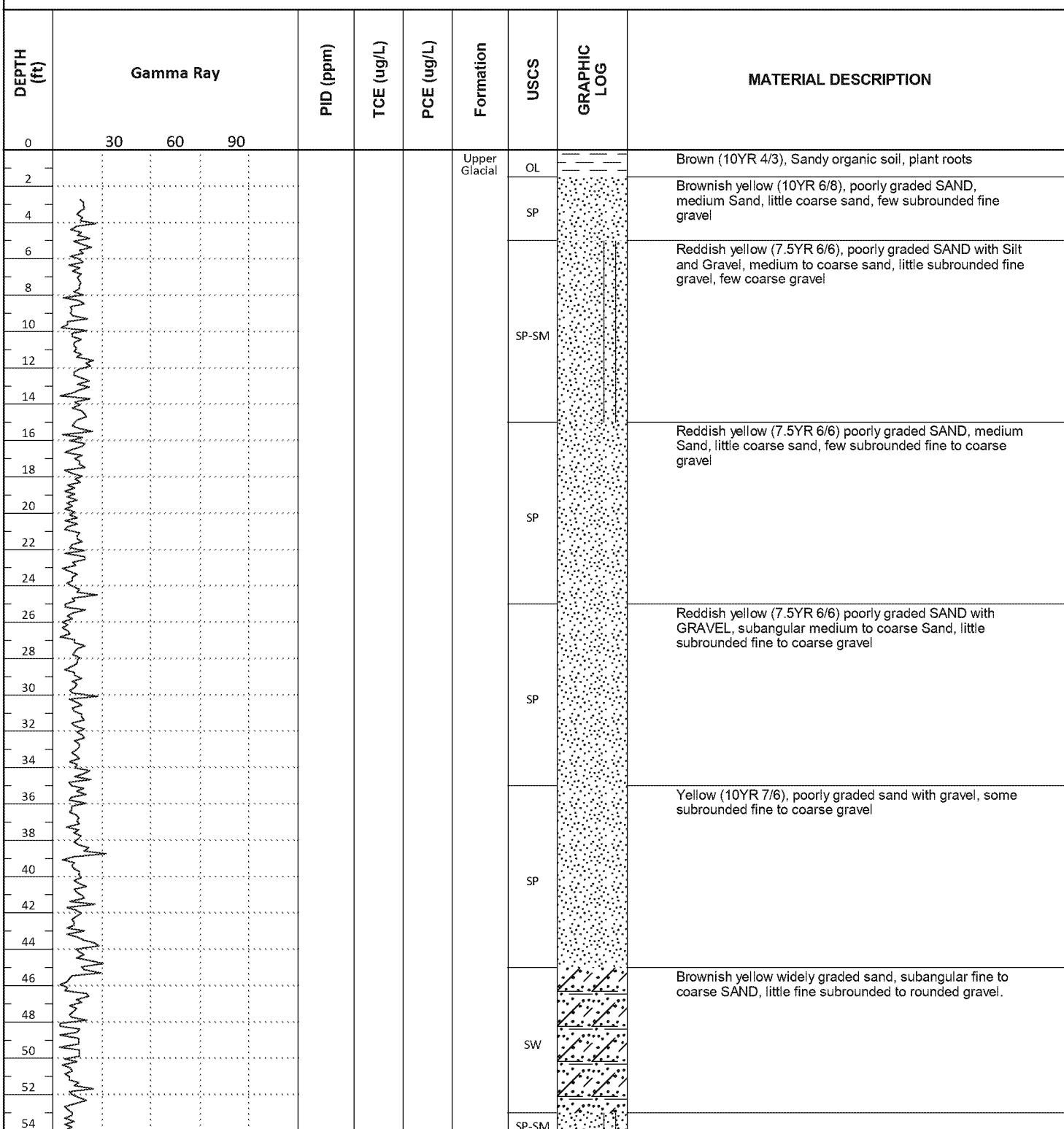
Boring Log

BORING #: VPB167

Sheet 1 of 17

Client: Department of the Navy, Naval Facilities Engineering Command, Mid-Atlantic			Logged By: V. Thayer (see note)
Location: Howard & Wicks Ave, Town of Hempstead, NY		Northing: 193959.30	Easting: 1126194.17
Project #: 60266526		Ground Elevation (ft amsl): 48.85	
Start Date: 3/14/2016		Drilling Method: Auger (0-50' bgs) Mud Rotary (>50' bgs)	
Finish Date: 5/12/2016		Water Level (ft): NA	
		Total Depth (ft): 1010.0	

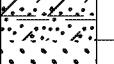
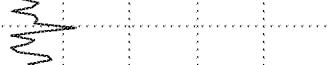
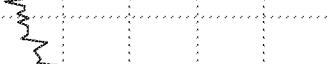
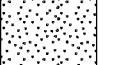
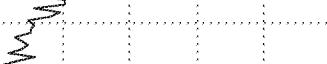
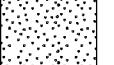
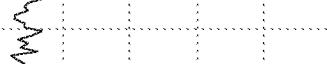
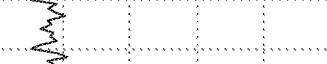
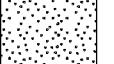
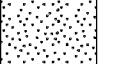
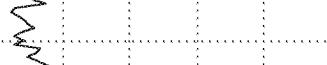
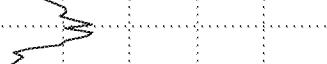
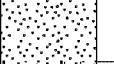
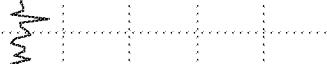
Mud Rotary Drilling Note: Unless denoted by a splitspoon sample (indicated by the presence of a PID reading), boundaries between strata are approximate and may be transitional because they are based on screened wash samples collected during mud rotary drilling at 5 ft. intervals.



(Continued Next Page)

DEPTH (ft)	Gamma Ray			PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
54	30	60	90							
56							Upper Glacial	SP-SM		Light yellowish brown 10YR 6/4 Widely Graded Sand with Silt and Gravel, fine to coarse sand, little subrounded fine gravel, little fines. (continued)
58										
60				<0.50	<0.50					Reddish yellow (7.5YR 6/6) poorly graded GRAVEL with sand, subrounded fine gravel, few fine to coarse sand.
62										
64										
66										
68										
70										
72										
74										
76										
78										
80										
82										
84										
86										
88										
90										
92										
94										
96										
98										
100				<0.50	<0.50		Magothy	SP		Dark grey (10YR 4/1) poorly graded fine to medium SAND, trace lean Clay and lignite
102								SP		Dark grey (10YR 4/1) poorly graded fine to medium SAND, trace lean Clay, trace lignite, trace coarse subrounded sand
104								SP		Gray (10YR 5/1) poorly graded fine to medium SAND, trace lean Clay, trace lignite
106								SP		Gray (10YR 5/1) well graded fine to coarse subrounded SAND, trace Lignite, trace lean clay
108								SW		Gray (10YR 5/1) well graded fine to coarse subrounded SAND with Lignite, trace subrounded gravel, trace lean clay
110								SW		
112								SW		
114								SW		

(Continued Next Page)

DEPTH (ft)	Gamma Ray	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION	
116	30 60 90				Magothy	SW			
118								Dark gray (10YR 4/1) SILTY SAND, subangular medium Sand, little fine sand, trace coarse sand, lignite, 25% fines (silt)	
120						SM			
122								Dark gray (10YR 4/1) poorly graded SAND with Silt, angular medium sand, few subrounded fine gravel, few silt	
124						SP-SM			
126								Gray (7.5YR 5/1) poorly graded SAND, subrounded medium to coarse Sand, trace gravel	
128					SP				
130								Grayish brown (10YR 5/2) poorly graded SAND, subangular medium to coarse Sand, trace subrounded fine gravel, trace silt	
132					SP			Gray (10YR 5/1) poorly graded SAND	
134									
136					SP				
138									
140					SP				
142									
144					SP				
146									
148					SP				
150		<0.50	<0.50					Gray (10YR 5/1) poorly graded SAND, medium Sand, lignite, pyrite nodule, trace gravel, trace silt	
152					SP				
154								Gray (10YR 5/1) poorly graded SAND, medium Sand, little fine sand, trace fines	
156					SP				
158								Gray (10YR 5/1) poorly graded SAND with SILT, subangular medium Sand, little fine sand, few to little silt, muscovite and lignite flakes, pyrite concretion	
160					SP-SM				
162								Gray (7.5 YR 5/1) poorly graded SAND with SILT, subangular medium Sand	
164					SP				
166									
168					SP-SM				
170									
172					SP				
174									
176									

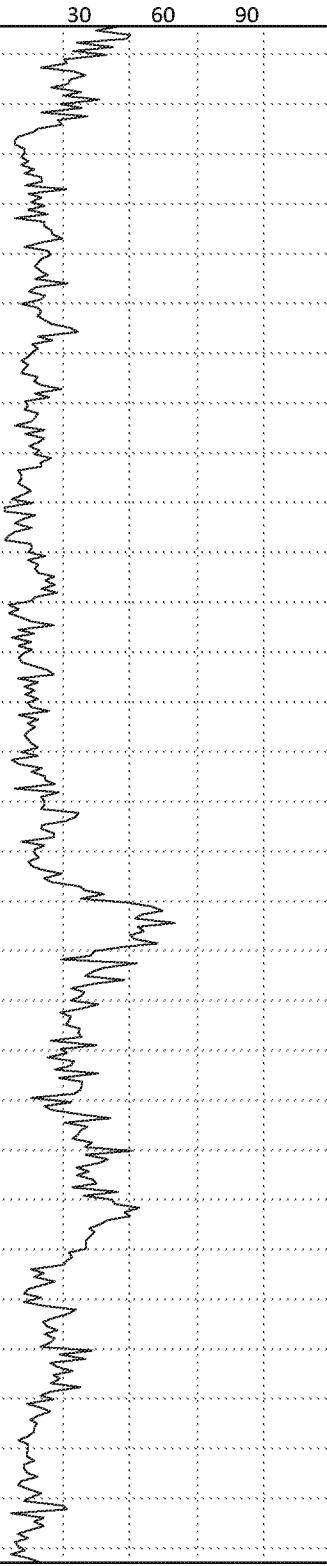
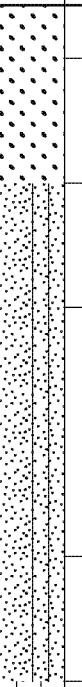
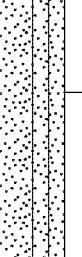
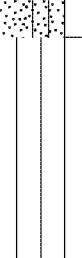
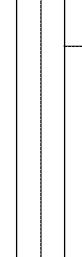
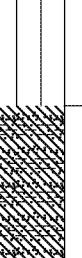
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DEPTH (ft)	Gamma Ray			PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
178	30	60	90				Magothy			Dark gray (10YR 4/1) SILTY SAND, subangular medium Sand, lignite and muscovite flake
180							SM			
182							SM			
184							SP			
186							SP			
188							SP-SM			
190							SP			
192							SP			
194							SP			
196							SP-SM			
198							SP			
200				<0.50	<0.50		SM			
202							ML			
204							ML			
206							ML			
208							ML			
210							ML			
212							ML			
214							ML			
216							ML			
218				<0.50	<0.50		SM			
220							ML			
222							ML			
224							ML			
226							ML			
228							ML			
230							ML			
232							ML			
234							ML			
236							ML			
238							SM			

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DEPTH (ft)	Gamma Ray	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION		
								30	60	90
240			<0.50	<0.50	Magothy	SM				Very dark gray (Gley 3/1) SILTY SAND interbedded with SILT on CLAY (continued)
242						SP-SM				Dark gray (Gley 1 4/1) poorly graded SAND with SILT
244						SP-SM				Dark gray (Gley 1 4/1) poorly graded SAND with Silt, subangular medium Sand, interbedded lignite, clay or silt (15-20% fines), pyrite replacement in lignite
246						SP				Dark gray (Gley 1 4/1) poorly graded SAND, subangular medium Sand, muscovite flakes, pyrite replacement in several chunks of lignite
248						SM				Dark gray (5Y 4/1) SILTY SAND, angular medium Sand, little fine Sand, 30% lignite, (40-50% silt)
250			<0.50	<0.50		SP-SM				Dark gray (5Y 4/1) SAND with SILT, angular medium Sand, pyrite concretions, 15% silt
252						SP-SC				Dark gray (10YR 4/1) poorly graded SAND with SILT, interbedded thin layer of clay /silt, lignite flakes
254						SP-SM				Dark gray (10YR 4/1) poorly graded SAND with SILT, angular medium Sand, little fine sand, silt (10-15%), pieces of lignite
256						SP				Very dark gray (2.5Y 3/1) poorly graded SAND, medium Sand
258						SP-SM				Very dark gray (2.5Y 3/1) poorly graded SAND with SILT, angular medium Sand, few silt 5-10%, lignite pieces, a few muscovite flakes
260						SP-SM				Very dark gray (2.5Y 3/1) poorly graded SAND with SILT, angular fine to medium Sand, lignite flakes, muscovite flakes
262						SM				Very dark gray (10YR 3/1) SILTY SAND, few lenses of interbedded clay/silt, lignite. Muscovite flakes
264						SM				Very dark gray (10YR 3/1) SILTY SAND, fine to medium Sand, few lenses of interbedded clay/silt (45%), lignite, muscovite flakes
266										
268										
270										
272										
274										
276										
278										
280										
282										
284										
286										
288										
290										
292										
294										
296										
298										
300			<0.50	<0.50		SM				

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DEPTH (ft)	Gamma Ray	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
302					Magothy	SM		
304						SM		Very dark gray (10YR 3/1) SILTY SAND, interbedded clay/silt, lignite, silt (~40%)
306						SP-SM		Very dark gray (10YR 3/1) poorly graded SAND with SILT, angular fine to medium Sand, interbedded lignite, muscovite flakes, 10% silt
308						SP-SM		Very dark gray (10YR 3/1) poorly graded SAND with SILT, subangular fine to medium Sand, muscovite flakes, pieces of lignite, 15% silt
310						SP-SM		
312						SP-SM		
314			<0.50	<0.50		SP-SM		
316		0				SP-SM		Dark gray (10YR 4/1) poorly graded SAND with SILT, subangular to angular fine to medium Sand, few silt (~10%), lignite and muscovite flakes
318						ML		Dark gray (7.5YR 4/1) SANDY SILT
320						ML		
322						ML		
324						ML		
326						ML		
328						ML		
330						ML		
332						ML		
334						ML		
336						ML		
338			<0.50	<0.50		ML		
340						ML		
342						ML		
344						ML		
346						ML		
348						ML		
350						ML		
352						ML		
354						ML		
356						ML		
358			<0.50	<0.50		ML		
360						ML		
362						ML		

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DEPTH (ft)	Gamma Ray	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
364					Magothy	SP-CL		Dark gray (7.5YR 4/1) poorly graded SAND, a few interbedded Silt and Clay layers
366						SP		Gray (10YR 5/1) poorly graded SAND, medium Sand, lignite, muscovite flakes
368						SP-SM		Dark gray (7.5YR 4/1) poorly graded SAND with SILT, interbedded silt/clay layer
370								Dark gray (7.5YR 4/1) SILT/CLAY
372								Dark gray (7.5YR 4/1) SILT/CLAY, interbedded with Silty Sand
374								Dark gray (Gley 1 4/1) SILTY SAND, subangular fine to medium Sand, lignite. 40% silt
376								Dark gray (Gley 1 4/1) SILTY SAND, subangular medium Sand, little fine sand, lignite, 15% silt
378								Dark gray (Gley 1 4/1) SAND with SILT
380								Dark gray (Gley 1 4/1) SAND with SILT, medium Sand, little fine sand, lignite flakes, 10-15% silt (fines)
382								Gray (7/5YR 5/1) poorly graded SAND, angular medium Sand, little fine sand, trace silt (~15%)
384								Gray (7.5YR 5/1) poorly graded SAND with SILT
386								
388								
390								
392								
394								
396								
398								
400								
402								
404								
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414								
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420								
422								
424								

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DEPTH (ft)	Gamma Ray	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
30	30							
60	60							
90	90							
426					Magothy	SP-SM		Gray (7.5YR 5/1) poorly graded SAND with SILT (continued)
428						SP-SM		Gray (7.5YR 5/1) poorly graded SAND with SILT, medium Sand, 10-15% silt (fines)
430						SP-SM		Dark gray (Gley 1 4/1) poorly graded SAND with SILT, angular medium Sand, 10% silt
432						SM		
434						SP-SM		
436						SP-SM		
438						SM		Dark gray (Gley 1 4/1) SILTY SAND, angular medium Sand, lignite, muscovite flakes, 40% silt (fines)
440						SP-SM		Dark gray (Gley 1 4/1) poorly graded SAND with SILT, medium Sand, pyrite concretion, 10-15% silt (fines)
442						SP-SM		Dark gray (7.5YR 4/1) poorly graded SAND with SILT, medium Sand, little fine sand, lignite, muscovite flakes, 10% fines (silt)
444						SP-SM		Dark gray (7.5YR 4/1) poorly graded SAND with SILT, subangular medium Sand, lignite flakes, muscovite flakes, silt or fines (10-15%)
446						SM		Gray (10YR 6/1) SILTY SAND, lignite flakes
448						SM		Gray (10YR 6/1) SILTY SAND, fine Sand, muscovite flakes, 20% silt
450						SM		Gray (10YR 6/1) SILTY SAND
452						SM		Dark gray (7.5YR 4/1) SILTY SAND, fine to medium Sand, silt (30%)
454						SP-SM		Gray (7.5YR 5/1) poorly graded SAND with SILT, subangular medium Sand, 10-15% silt, lignite flakes
456						SM		Very dark gray (Gley 3/1) SILTY SAND
458						SM		Dark gray (10YR 4/1) SILTY SAND, angular medium Sand, lignite, 40% fines (silt), muscovite flakes
460						SM		
462						SM		
464		0				SM		
466						SM		
468						SM		
470						SM		
472						SP-SM		
474						SM		
476						SM		
478						SM		
480						SM		
482						SM		
484						SM		
486						SM		

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DEPTH (ft)	Gamma Ray	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
486	30 60 90				Magothy	SM		Dark gray (10YR 4/1) SILTY SAND, angular medium Sand, lignite, 40% fines (silt), muscovite flakes (continued)
488								Dark gray (10YR 4/1) SILTY SAND, subangular medium Sand, trace coarse sand, muscovite flakes, 25% fines (silt)
490						SP-SM		Dark gray (10YR 4/1) poorly graded SAND with SILT, angular medium Sand, pyrite concretions, 5-10% silt (fines) trace coarse sand
492								
494					CL			Dark gray (10YR 4/1) CLAY with interbedded SILTY SAND
496								
498								
500								
502								
504								Dark gray (10YR 4/1) CLAY, interbedded Silty Sand, lignite with 1-2" thick clay layers
506								Dark gray (10YR 4/1) CLAY, interbedded Silty Sand
508								
510								Dark gray (10YR 4/1) SANDY SILT interbedded Clay lenses
512								
514					ML-CL			
516								
518								
520								Dark gray (10YR 4/1) CLAY
522								
524								Dark gray (10YR 4/1) CLAY, interbedded Silty Sand
526								
528								Gray (10YR 5/1) SILTY SAND, interbedded Clay layers
530								
532								
534					SP-SM			Gray (10YR 5/1) SILTY SAND, subangular medium Sand, few coarse sand, lignite, 25% silt
536								
538								
540								Gray (10YR 5/1) poorly graded SAND with SILT, interbedded Clay lenses
542								
544								
546								Gray (10YR 5/1) poorly graded SAND with SILT, subangular medium Sand, little coarse sand, 10% silt

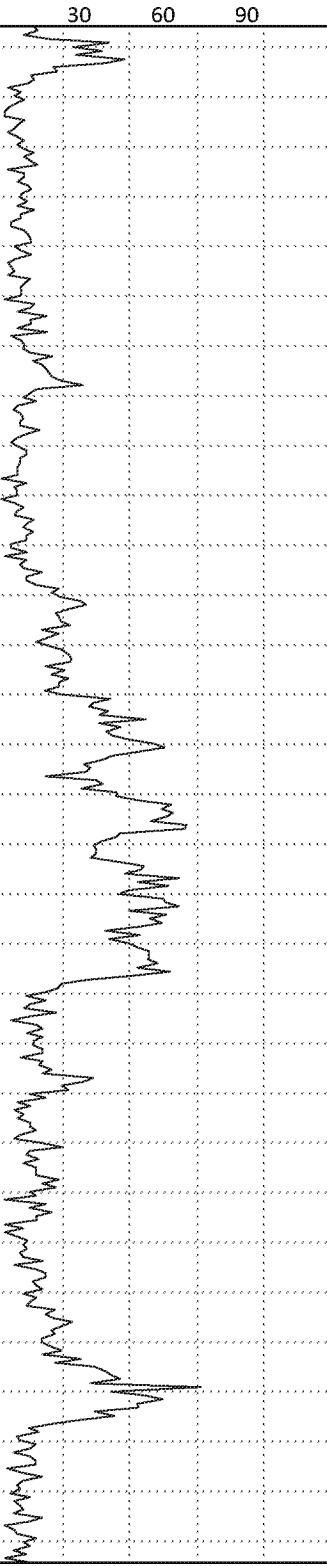
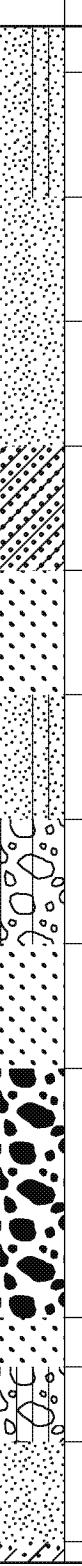
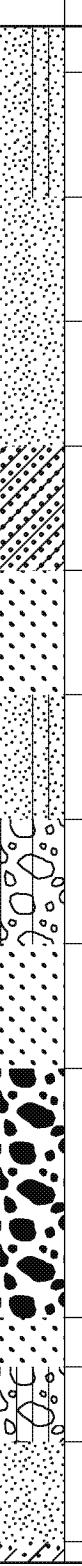
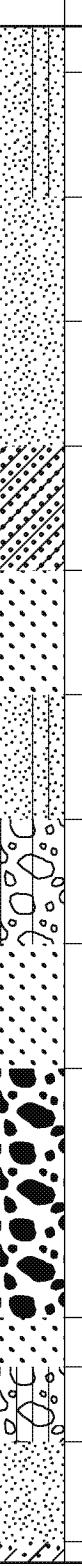
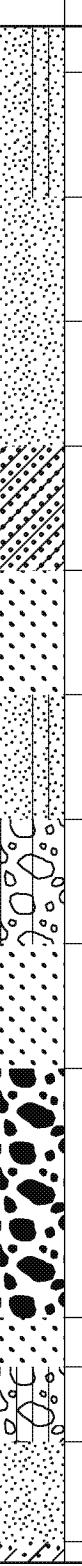
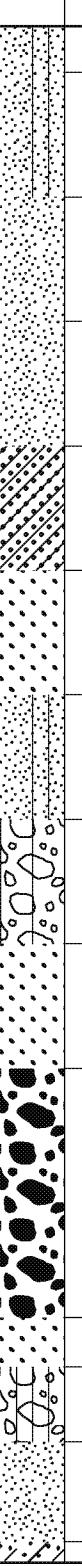
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DEPTH (ft)	Gamma Ray	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
548	30 60 90				Magothy			
550						SP		Gray (10YR 5/1) poorly graded SAND, subangular medium Sand, little coarse sand
552								
554								
556								
558								
560								
562						SP-SM		Gray (10YR 5/1) poorly graded SAND with SILT, angular medium Sand, ~10% fines (silt)
564		0				SP-SM		Gray (10YR 5/1) poorly graded SAND with SILT, angular medium Sand, 1/4" layer of lignite, ~10% silt, muscovite flakes
566								Gray (10YR 5/1) poorly graded SAND with SILT, subrounded medium to coarse Sand, lignite flakes, silt 15%
568								
570								
572								
574								Gray (10YR 5/1) poorly graded SAND, subrounded to subangular medium to coarse Sand, few silt
576								
578			<0.50	<0.50				
580						SP-CL		Gray (10YR 5/1) poorly graded SAND, medium to coarse Sand, few silt, interbedded clay/silt layers
582								
584								
586								
588								
590								
592								
594						SP-SM		Gray (10YR 5/1) widely graded SAND, subrounded to subangular fine to coarse Sand
596								
598								
600			<0.50	<0.50		SW		Gray(10 YR 5/1) widely graded SAND, subrounded to subangular fine to coarse sand.
602								
604		0				SW		
606								
608						SP-SM		Gray (2.5Y 5/1) poorly graded SAND with SILT, subangular medium Sand, 10-15% silt (fines), one faint band of lignite
						SP-CL		Gray (2.5Y 5/2) poorly graded SAND, medium Sand, interbedded clay lens
						SP-CL		

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DEPTH (ft)	Gamma Ray	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION	
610	30 60 90				Magothy	SP-CL		Dark gray (Gley 1 4/1) SILTY SAND, few interbedded Clay layers (continued)	
612								Dark gray (Gley 1 4/1) SANDY LEAN CLAY, some fine to medium Sand, lignite, trace fine gravel	
614						CL			
616									
618					<0.50 <0.50	SP-CL		Dark gray (Gley 1 4/1) poorly graded SAND, interbedded with Clay	
620									
622						CL			
624									
626						SM-CL			
628									
630						SM		Gray (10YR 5/1) Sandy Clay, a few Clay lenses interbedded with sand	
632									
634						SM		Gray (10YR 5/1) SILTY SAND, medium Sand, lignite	
636									
638						SP-SM		Gray (10YR 5/1) SILTY SAND, subangular to angular medium Sand, silt (25%)	
640									
642						SP-SM		Gray (10YR 5/1) poorly graded SAND with SILT	
644									
646						SP-SM		Gray (10YR 5/1) poorly graded SAND with SILT, subangular medium Sand, silt (10%)	
648									
650						SP-SM		Gray (10YR 5/2) poorly graded SAND with SILT, medium Sand, few silt	
652									
654						SM		Gray (10YR 5/1) SILTY SAND, subangular medium Sand, little fine sand, 20% silt (fines)	
656									
658						SP		Gray (10YR 5/1) poorly graded SAND, subangular to angular medium Sand, lignite flakes	
660									
662						SP-SM		Gray (10YR 5/1) poorly graded SAND with SILT, subangular medium Sand, silt (10%)	
664									
666									
668									
670									

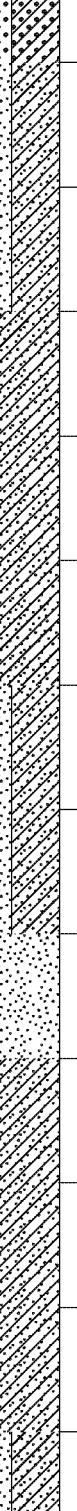
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DEPTH (ft)	Gamma Ray	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
672					Magothy	SP-SM		Gray (10YR 5/1) poorly graded SAND with SILT, subangular medium Sand, silt (10%) (continued)
674						SP-SM		Gray (10YR 5/1) poorly graded SAND, angular medium Sand, silt (10%)
676						SP		Gray (10YR 5/1) poorly graded SAND, subangular medium to coarse Sand
678						SP		Gray (10YR 5/1) poorly graded SAND, subangular to subrounded medium to coarse Sand
680		<0.50	<0.50			SP		Gray (10YR 5/1) widely graded SAND with SILT, subangular medium to coarse Sand, little fine sand, 10% silt, pyrite concretions.
682						SW-SM		Gray (10YR 5/1) SILTY SAND, subangular medium to coarse Sand, 10-20% silt
684						SM		Gray (10YR 6/1) poorly graded SAND with SILT, subangular medium sand, little coarse Sand, trace fine gravel, one pyrite concretion
686						SP-SM		Gray (7.5YR 5/1) SILTY GRAVEL with SAND, subrounded fine Gravel, some subangular medium to coarse sand, one pyrite concretion, 30% silt
688						GM		Gray (7.5 YR 5/1) SILTY SAND, subangular medium Sand, few gravel, silt 25%
690						SM		Gray (7.5YR 6/1) poorly graded GRAVEL with SAND, subrounded fine Gravel, little medium to coarse sand
692					GW		Gray (Gley 1 5/1) SILTY SAND, subangular medium Sand, 25% silt (fines)	
694						SM		Gray (10YR 6/1) poorly graded GRAVEL with SILT and SAND, subrounded fine Gravel, some subangular medium sand, few to little silt
696						GP-GM		Light gray (7.5YR 7/1) poorly graded SAND with GRAVEL, medium to coarse subangular Sand, little subangular to subrounded fine gravel
698						SP		
700		<0.50	<0.50					
702								
704								
706								
708								
710								
712								
714								
716								
718								
720								
722								
724		0						
726								
728								
730								
732								

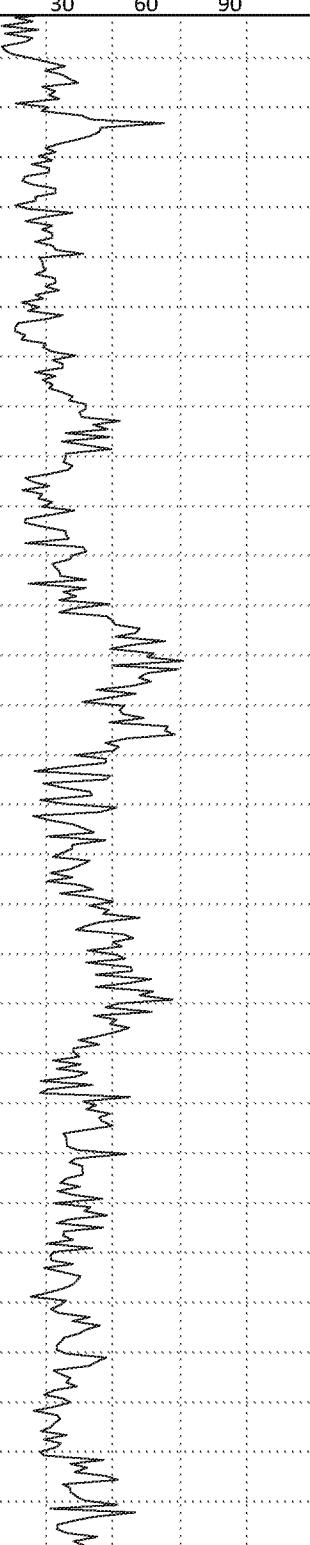
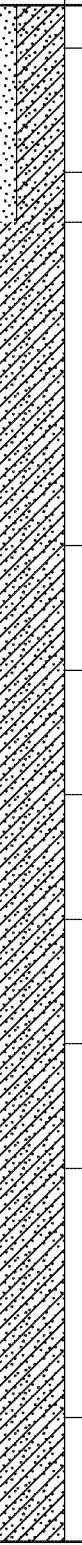
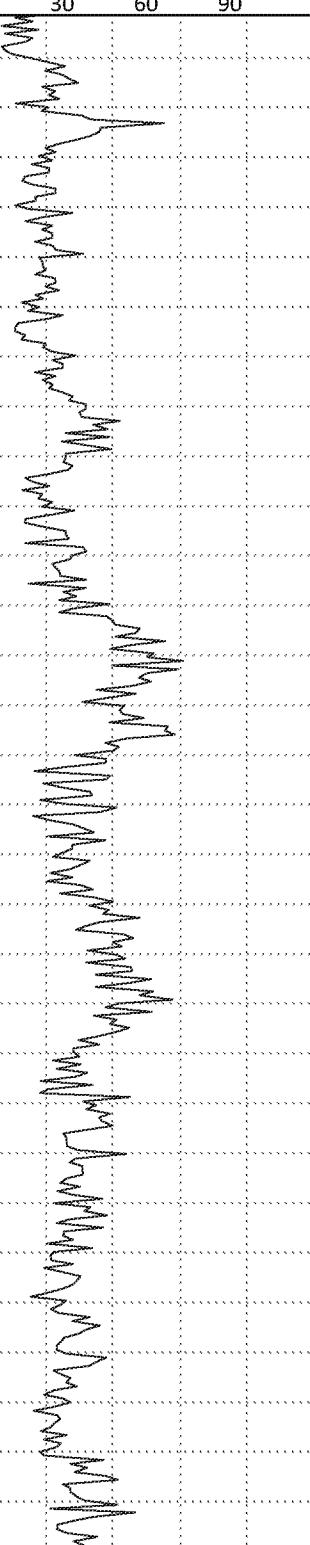
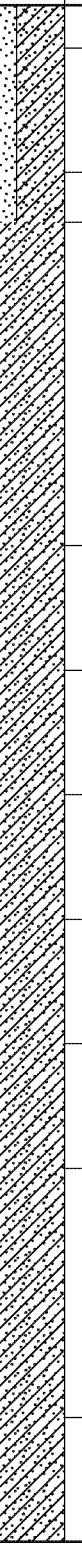
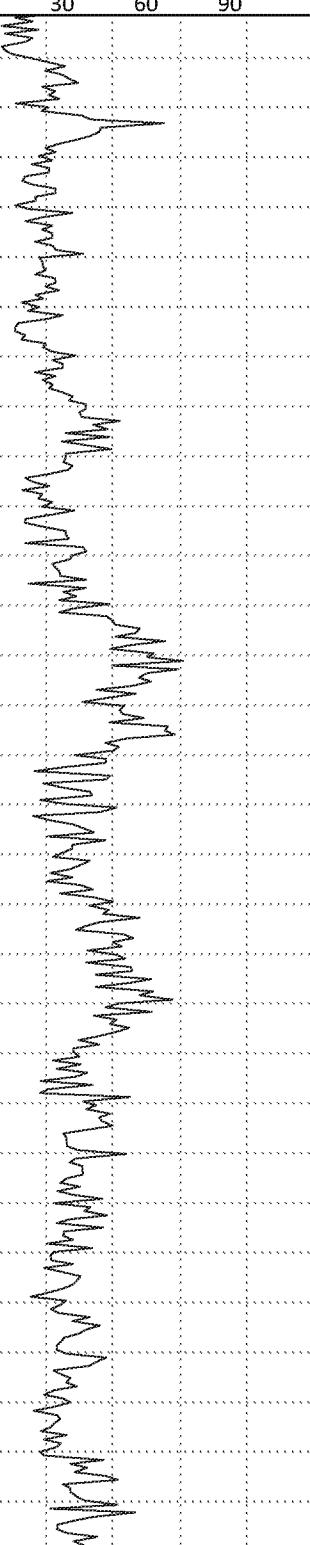
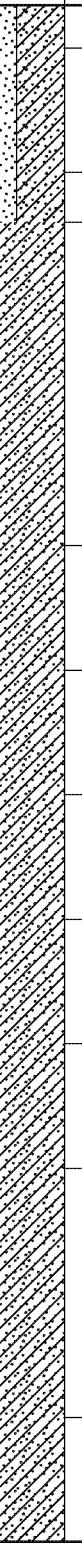
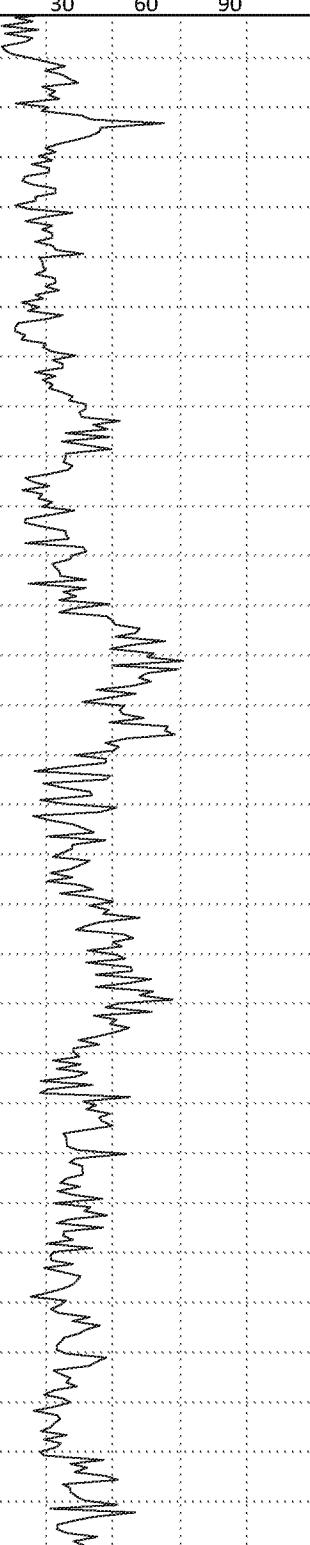
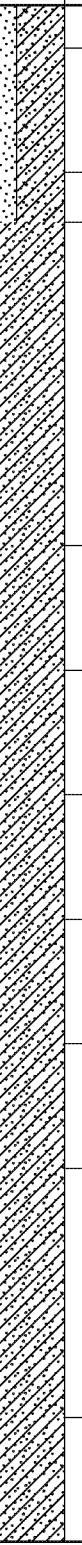
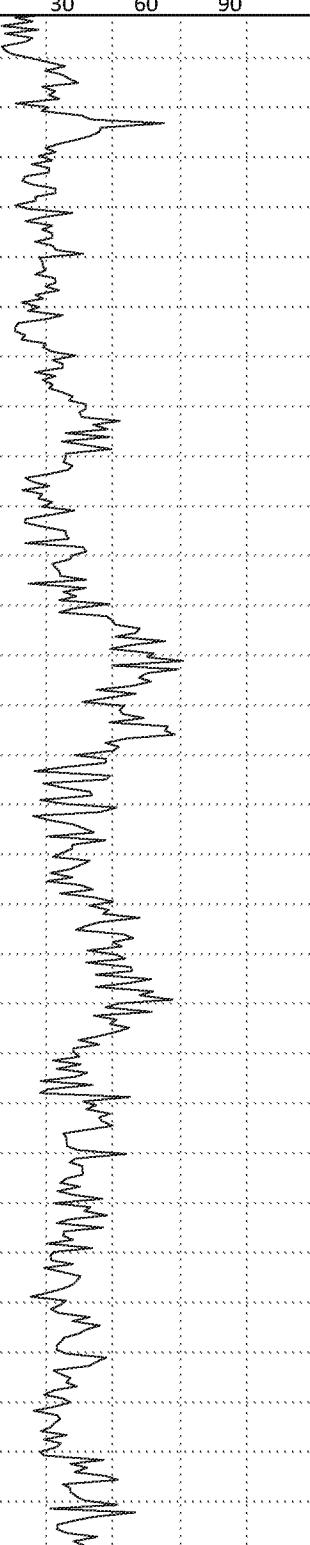
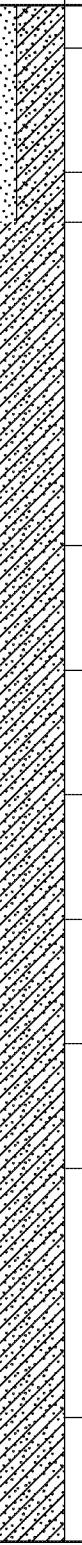
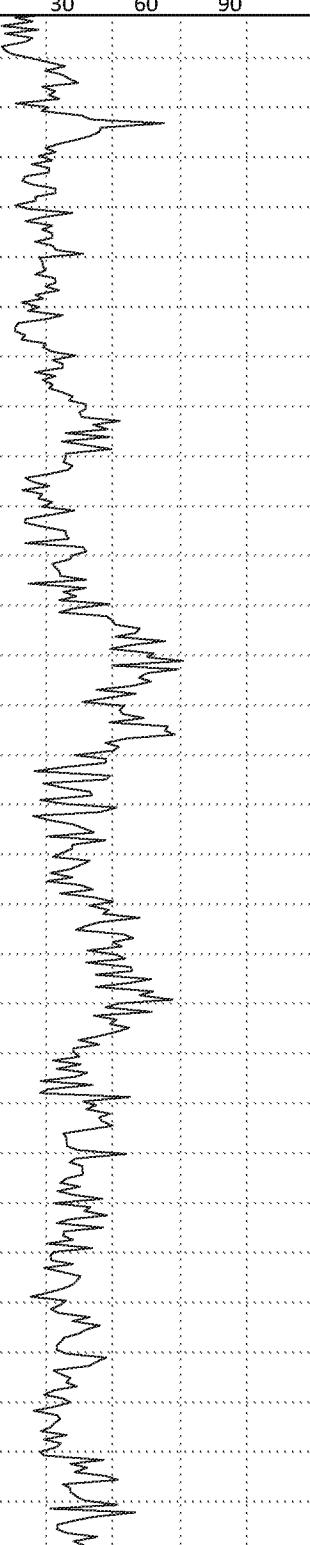
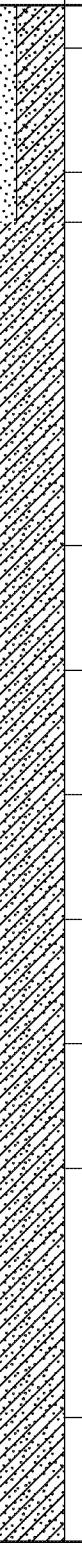
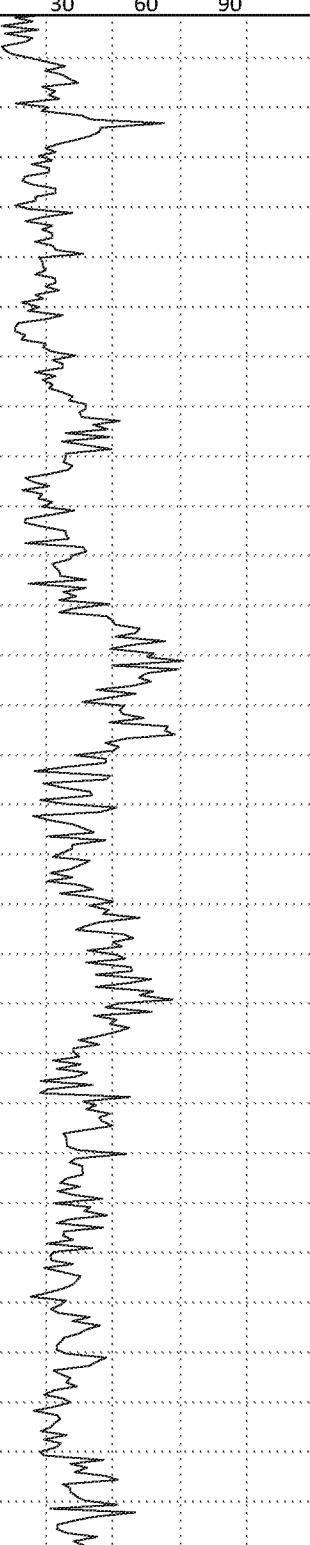
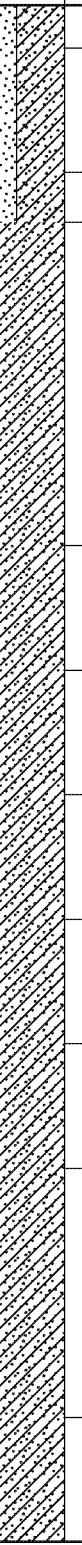
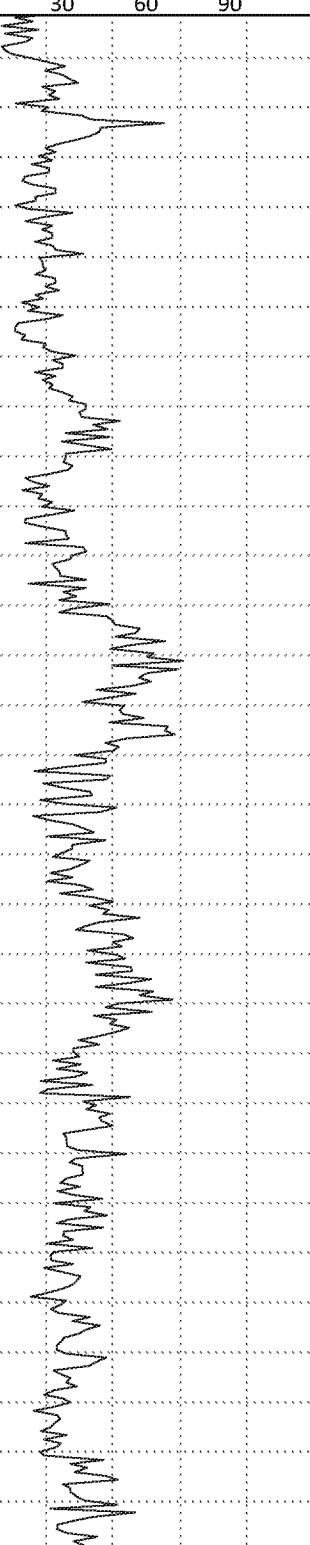
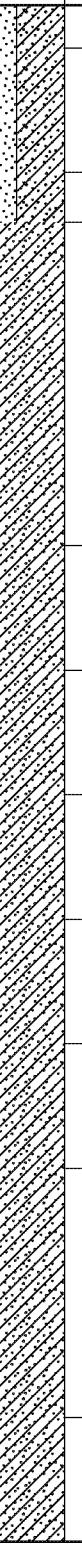
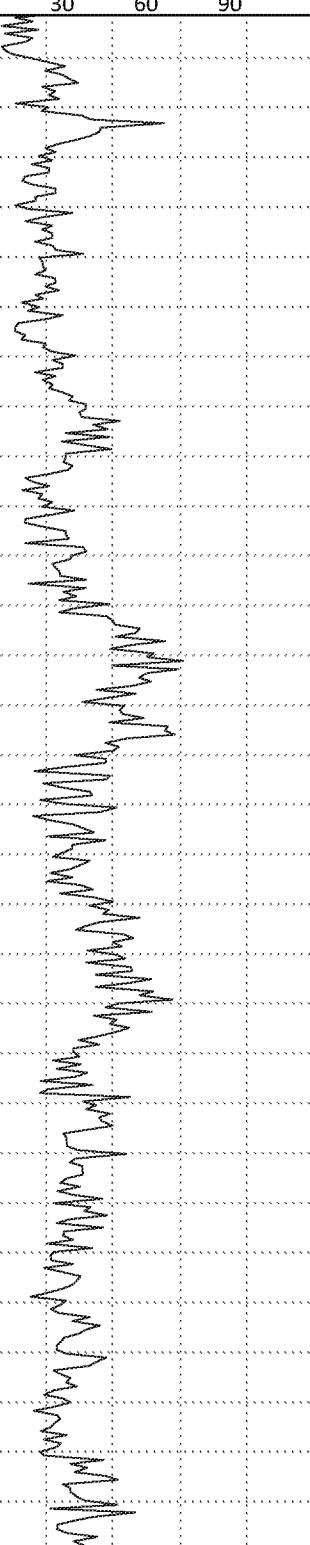
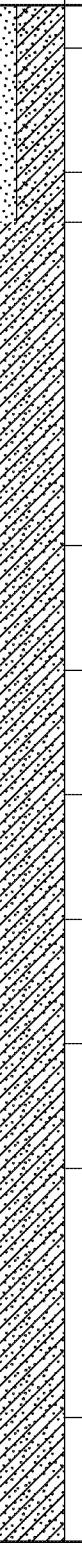
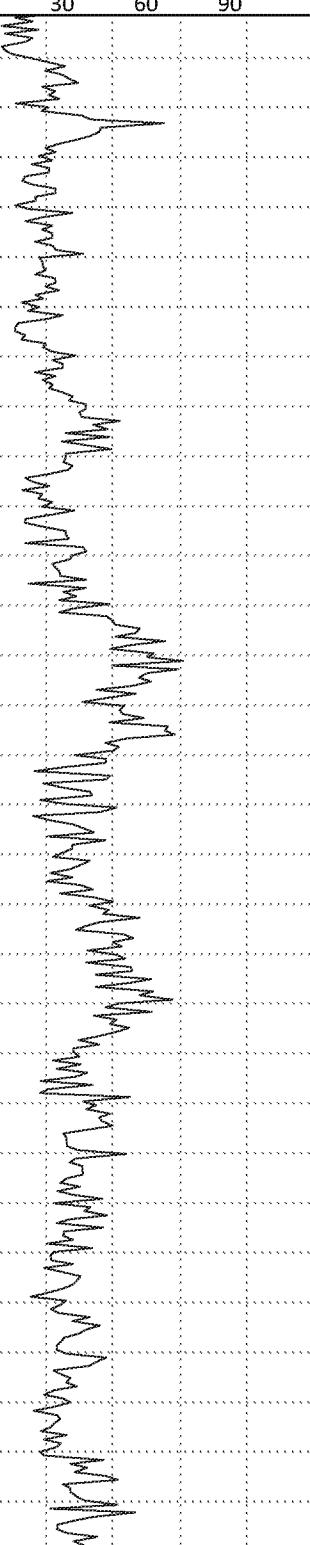
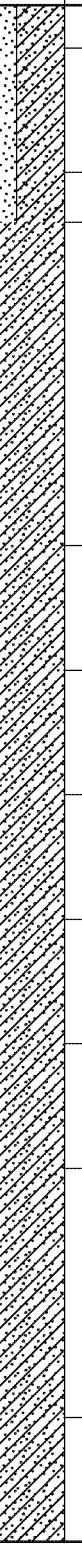
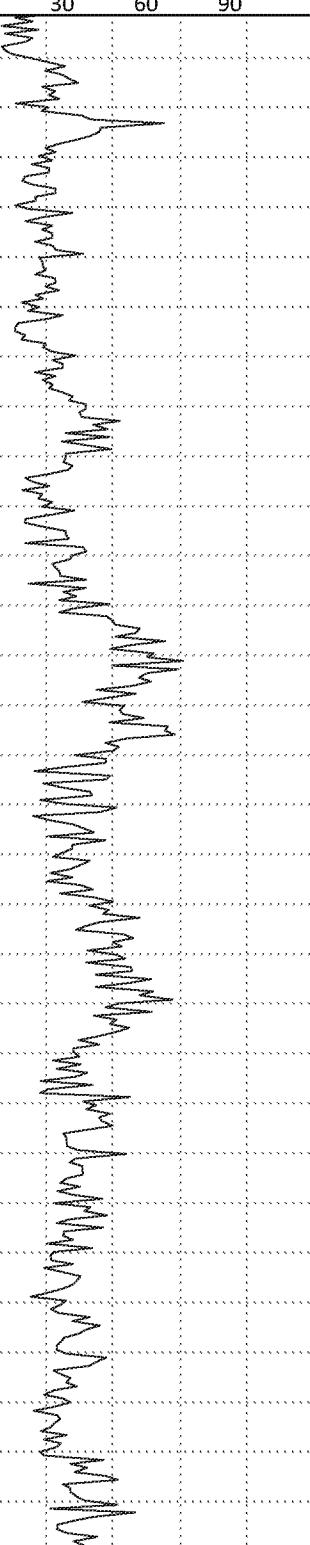
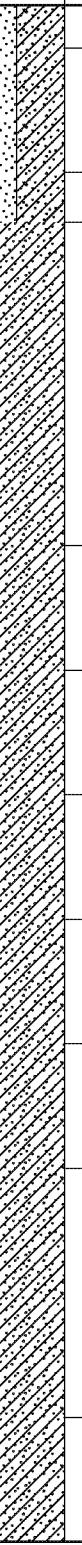
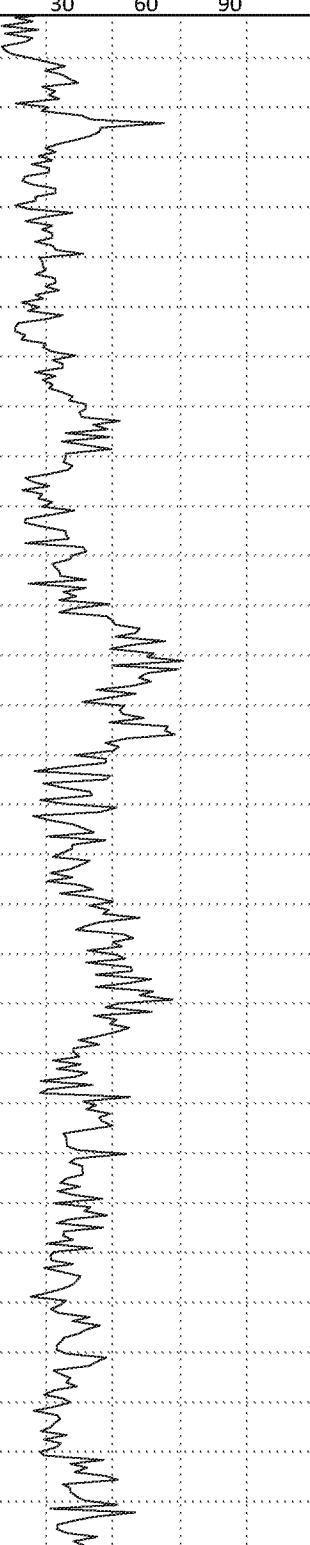
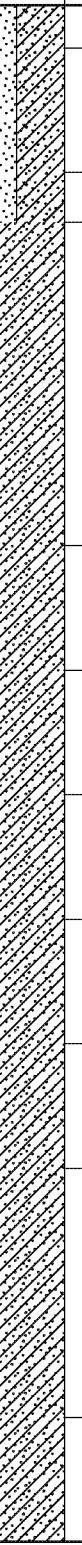
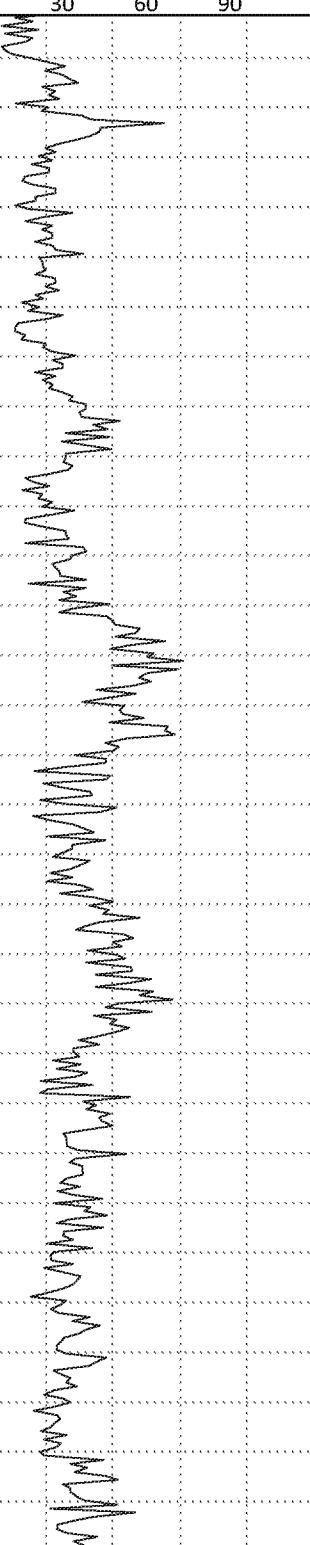
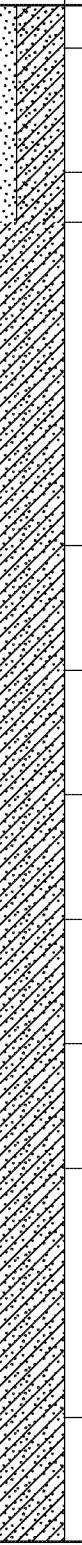
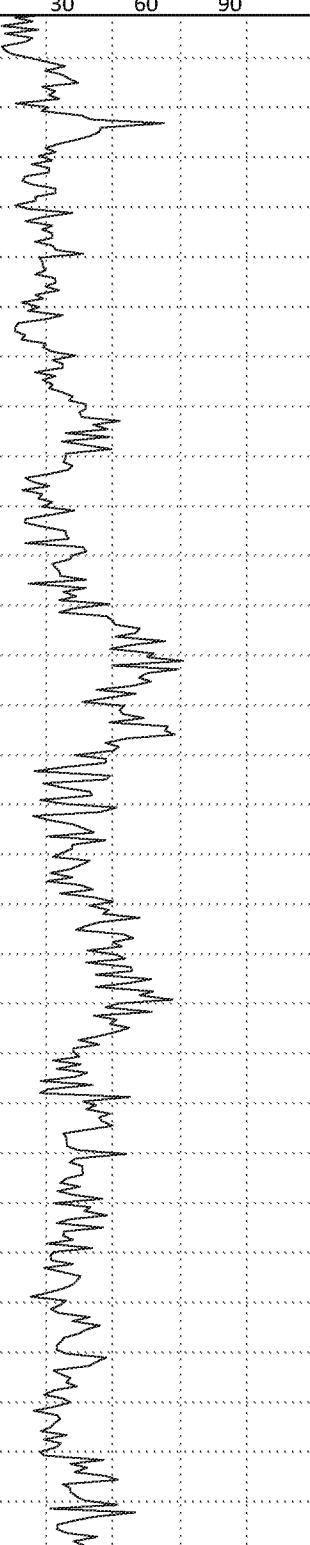
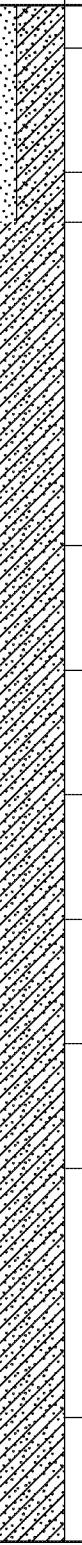
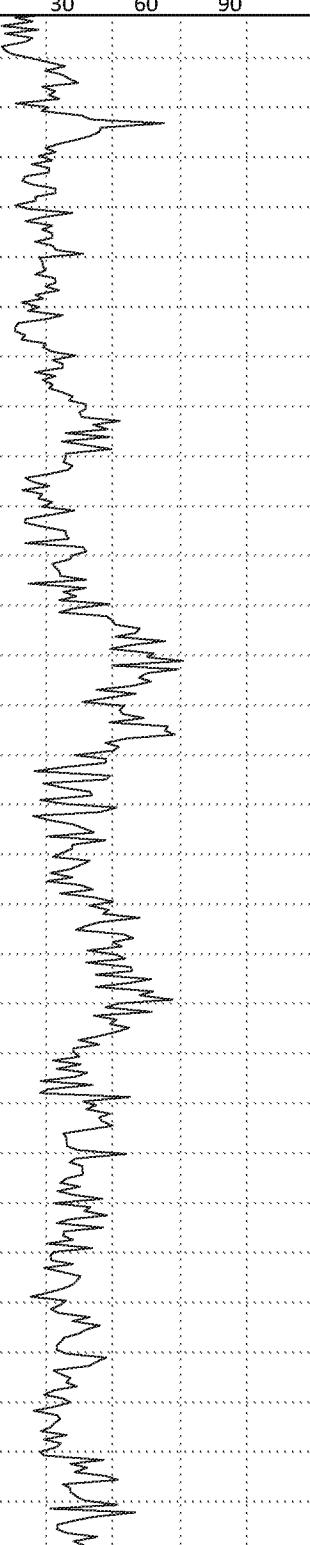
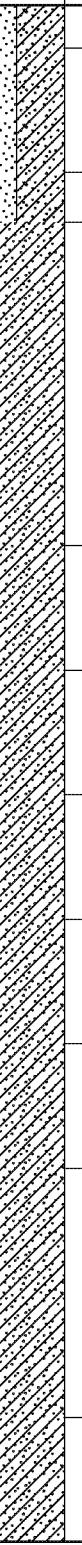
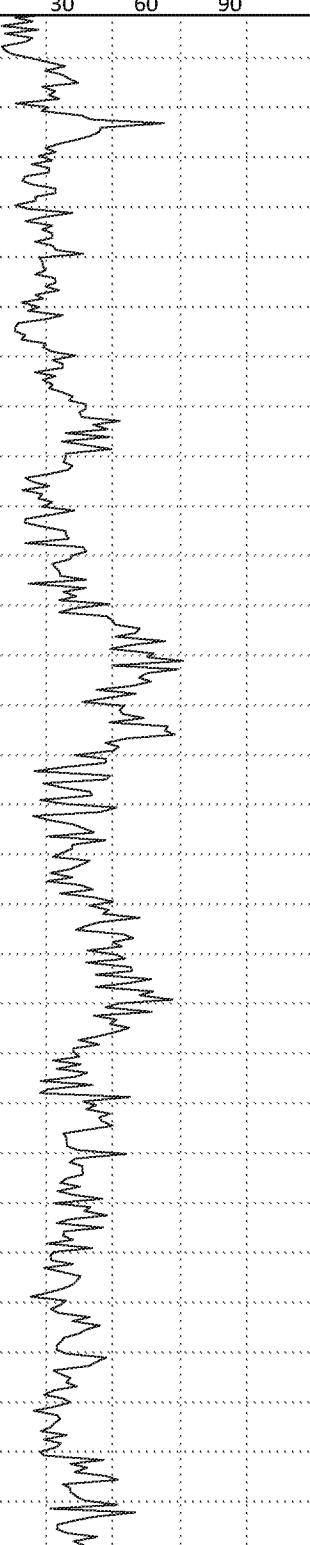
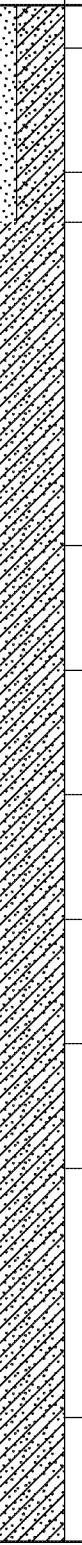
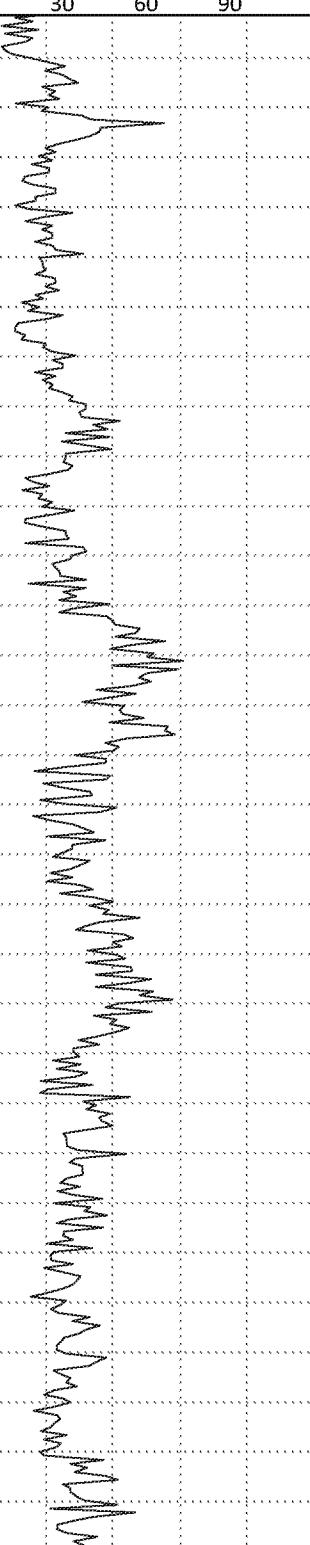
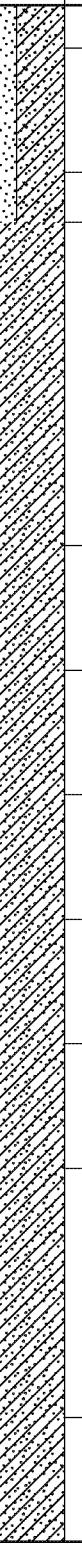
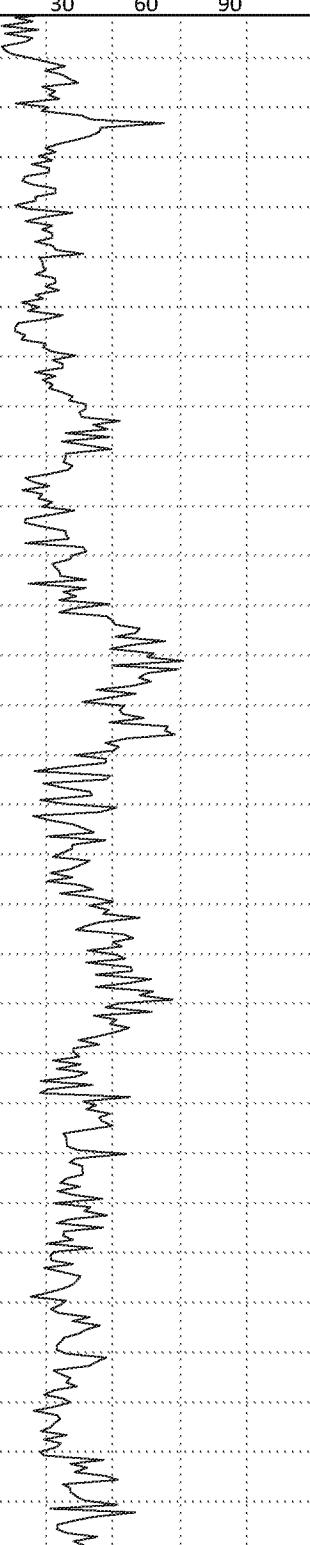
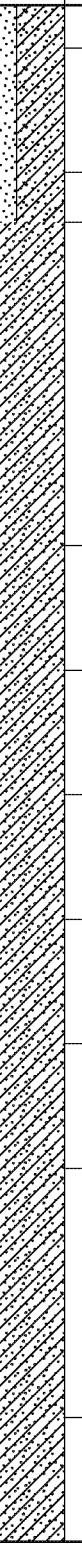
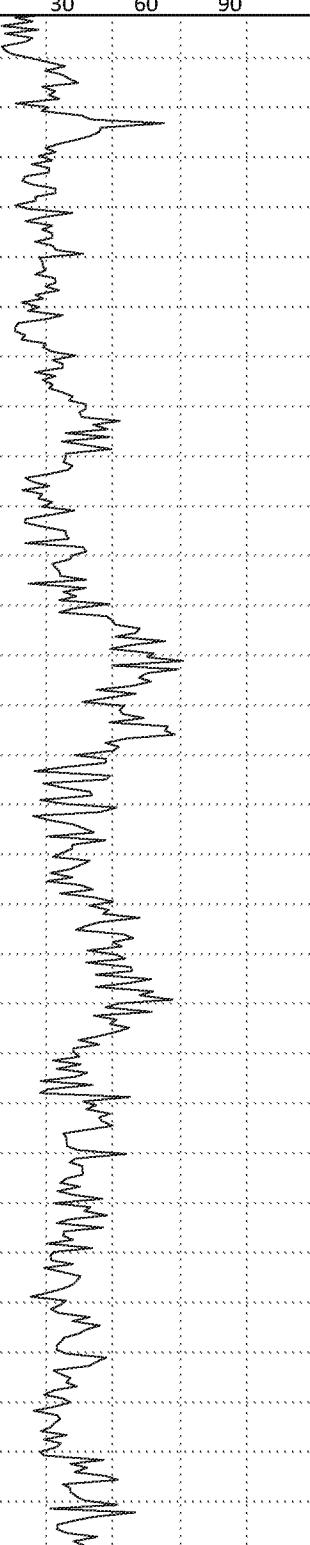
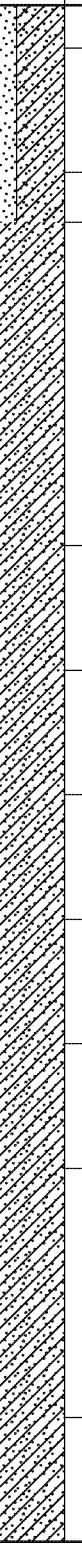
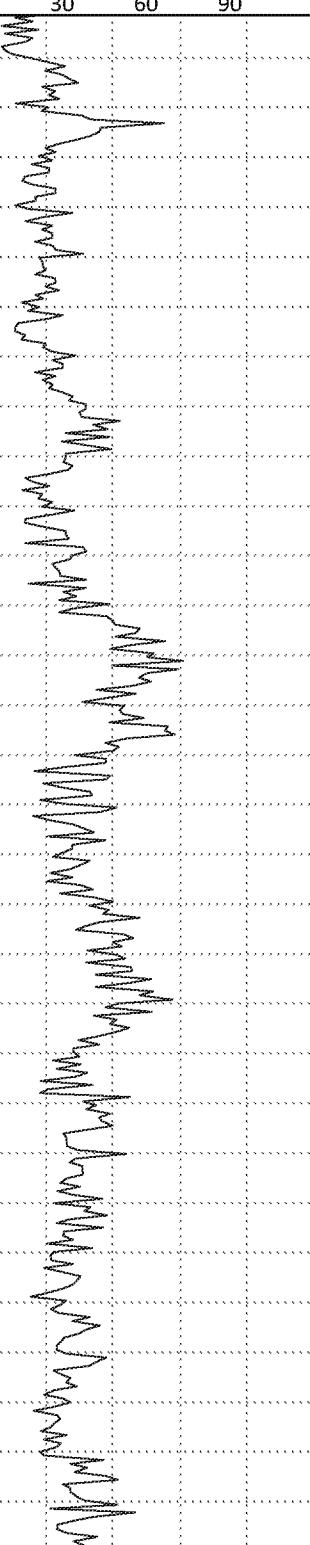
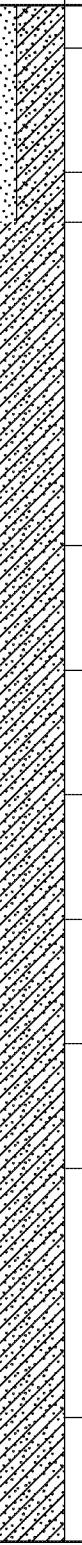
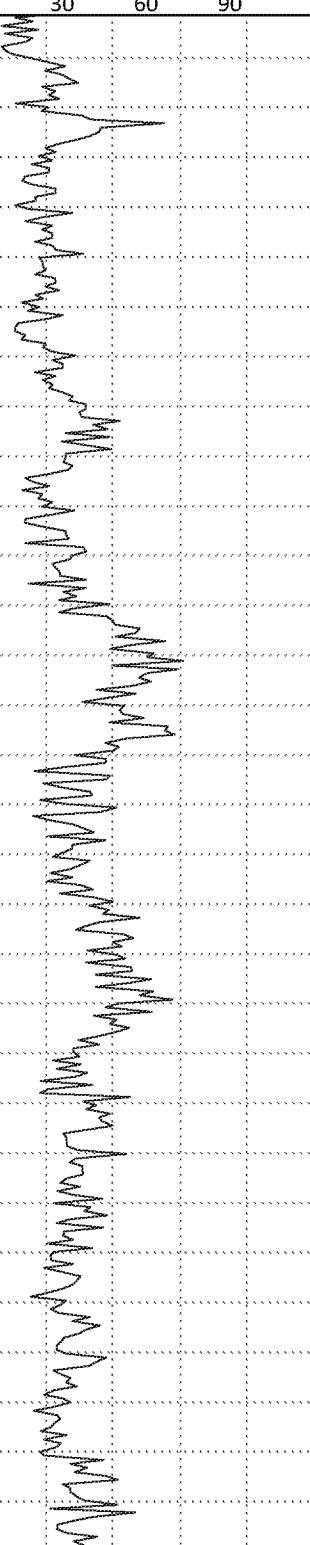
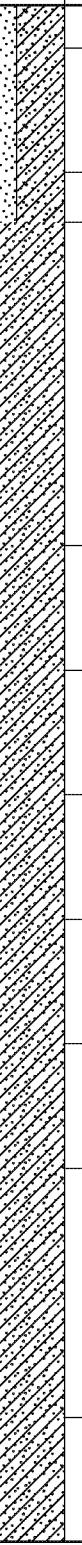
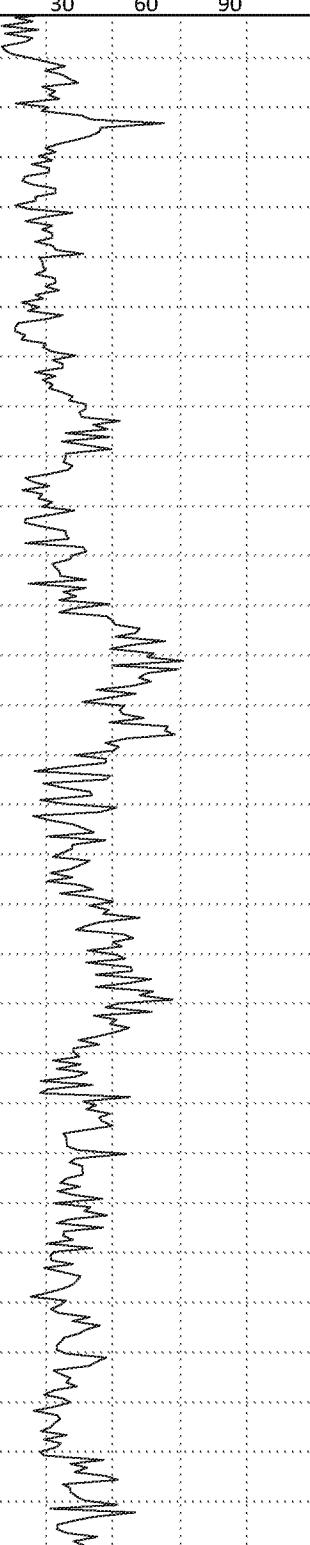
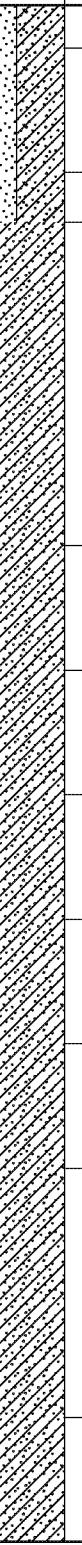
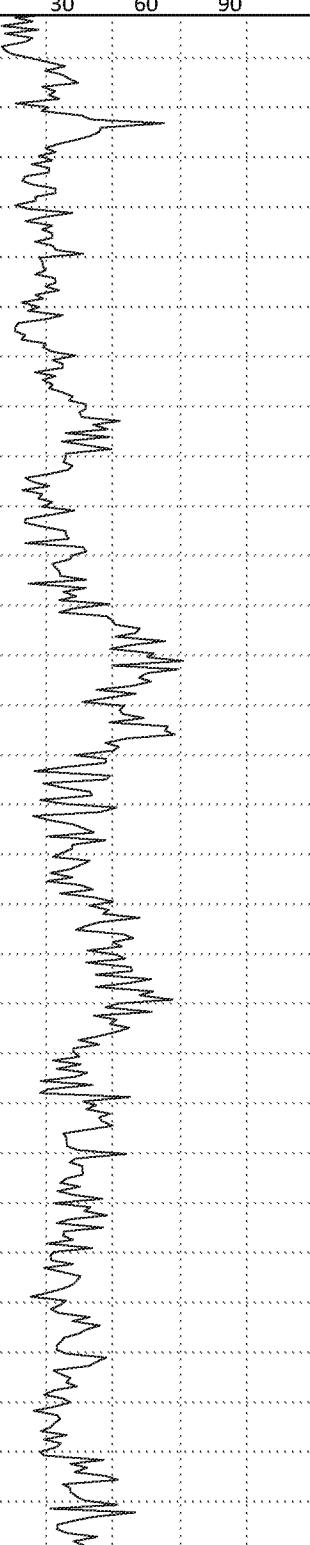
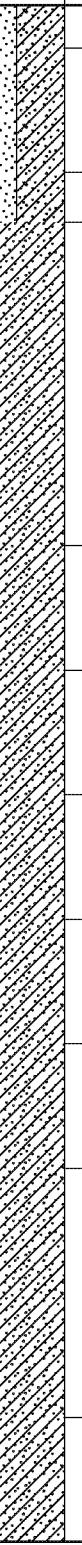
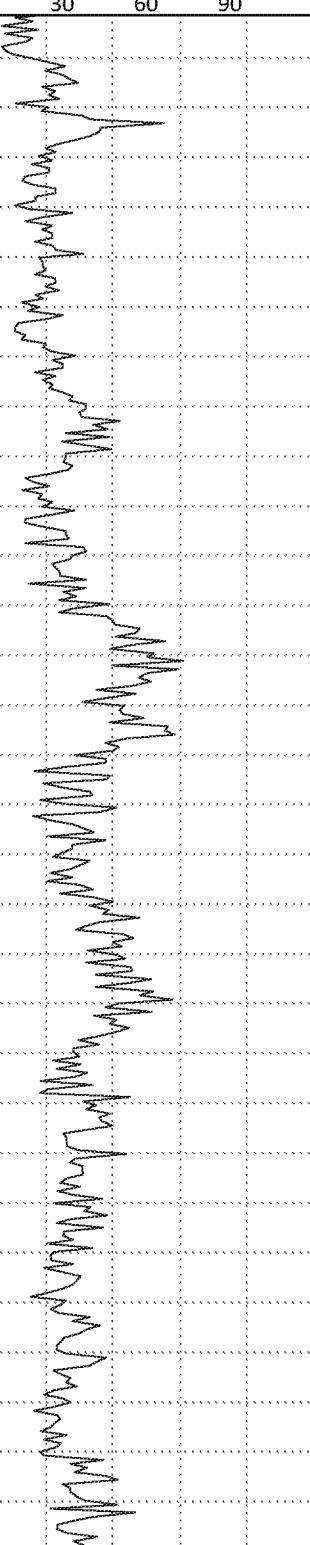
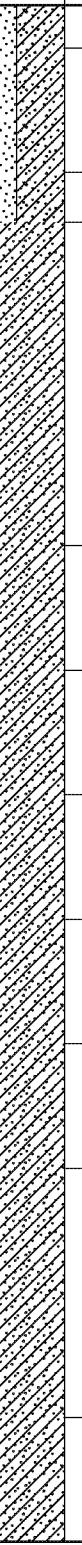
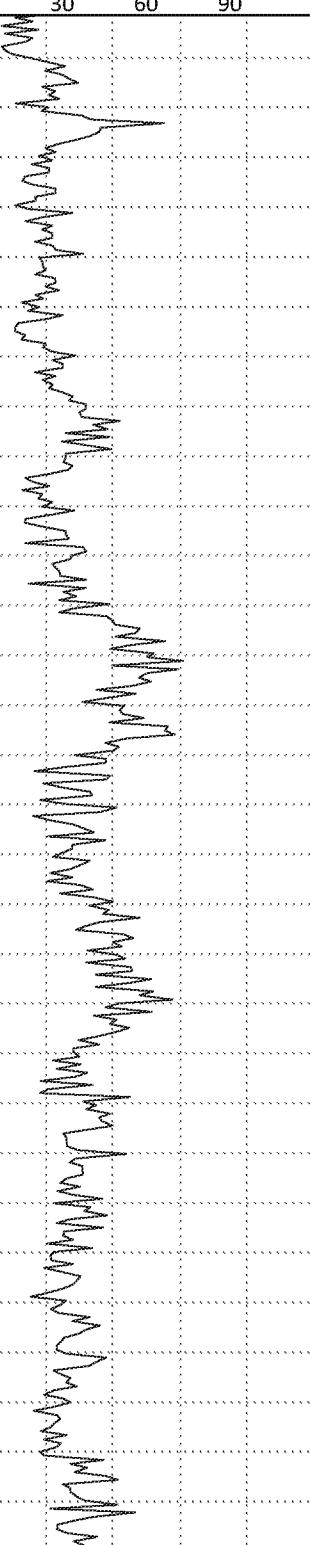
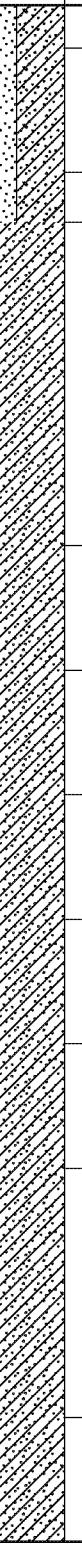
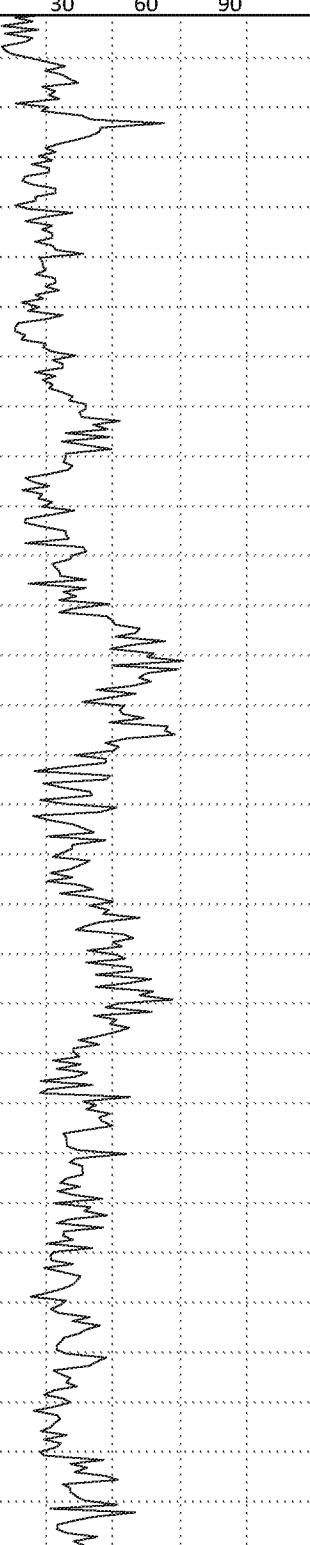
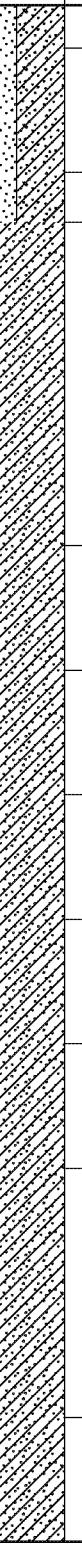
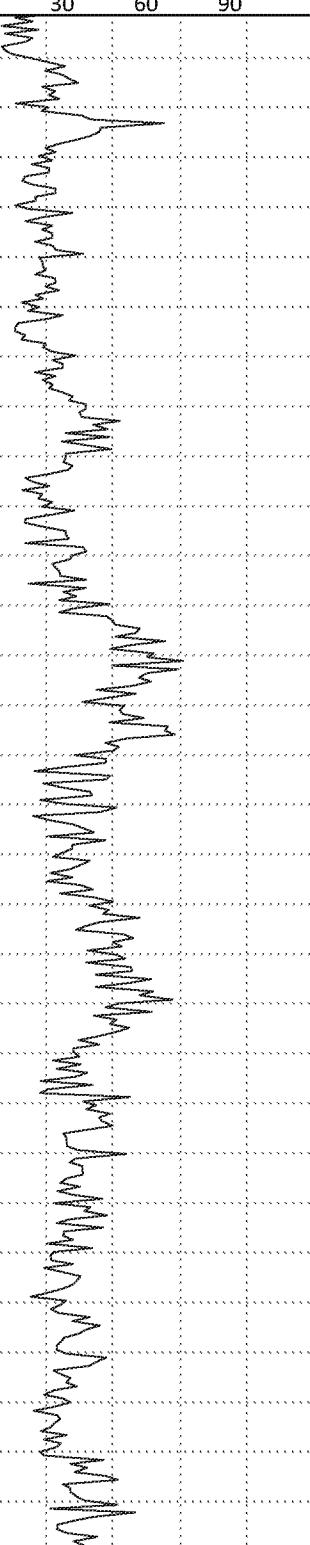
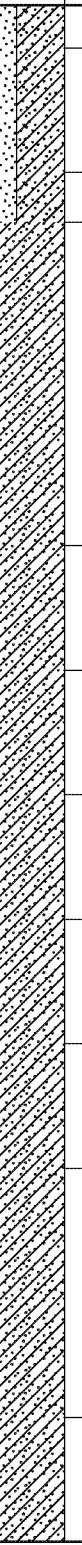
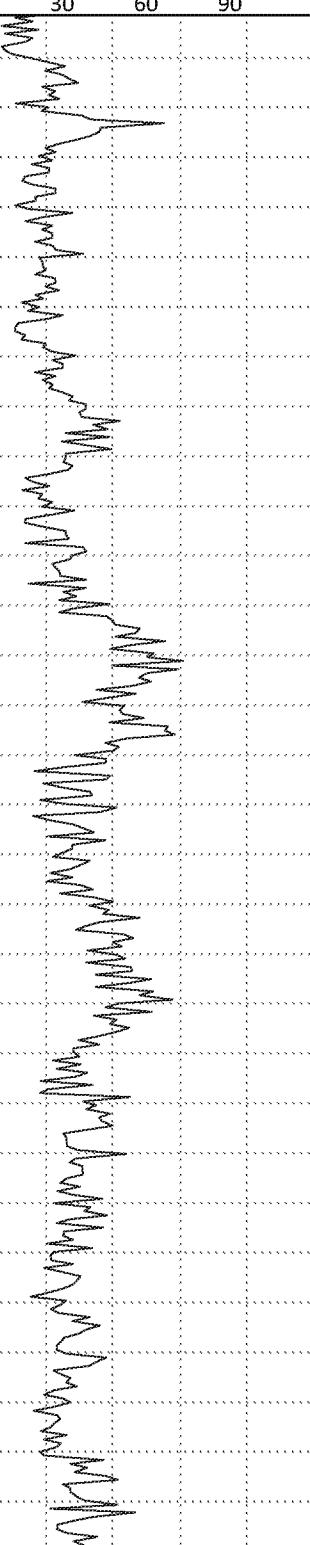
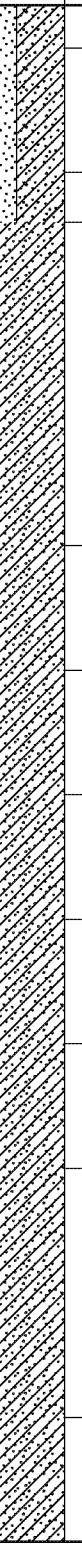
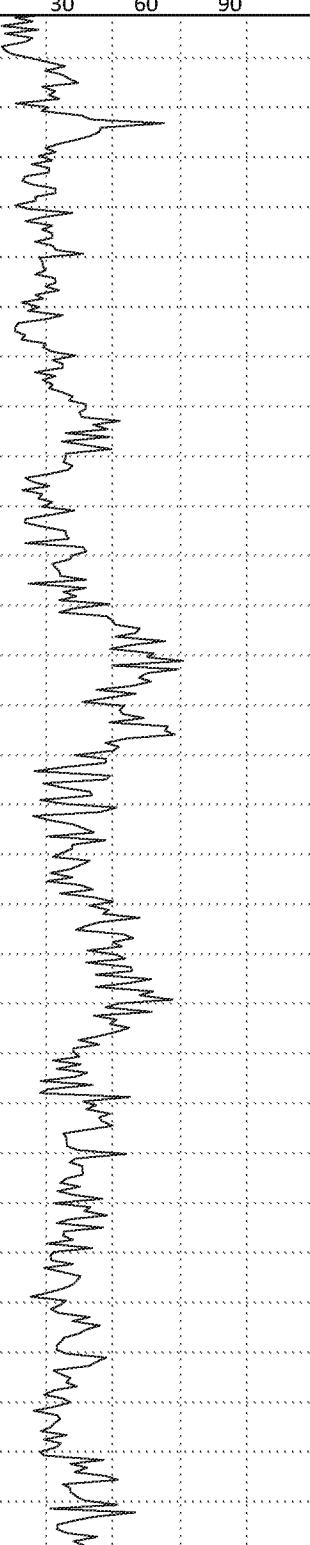
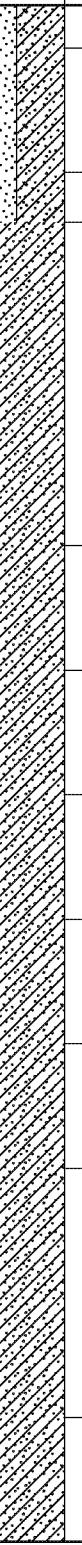
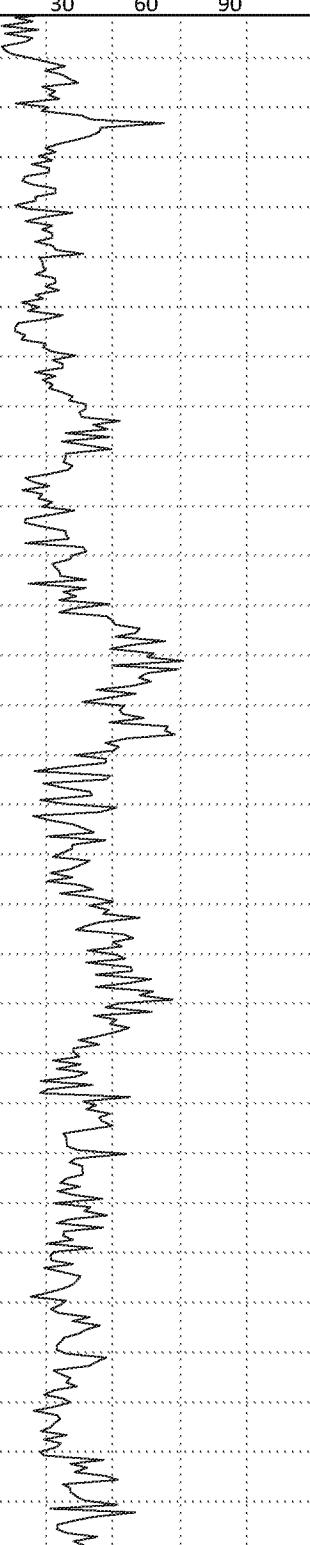
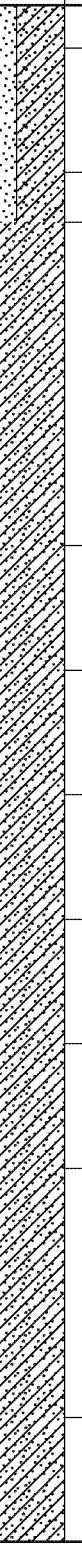
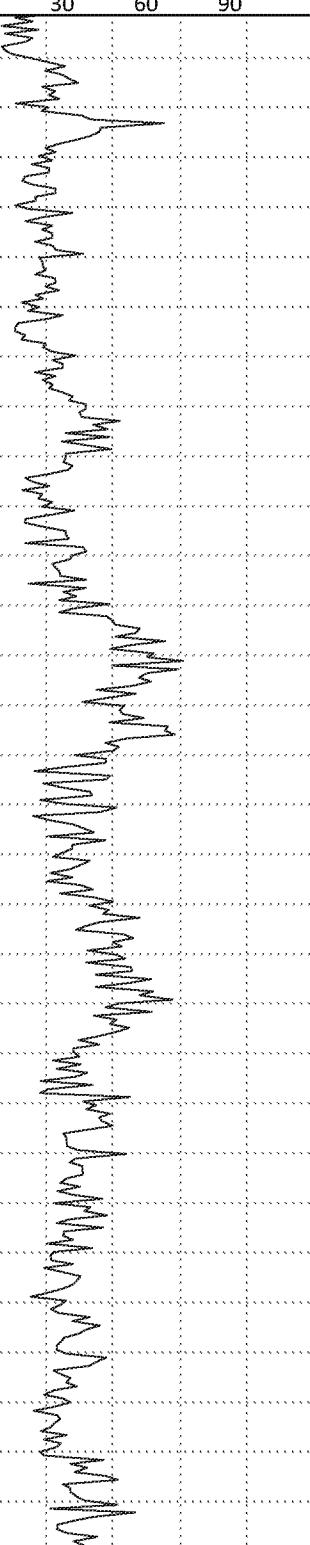
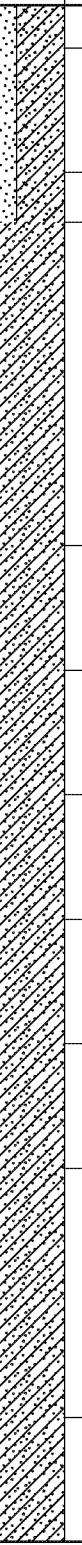
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DEPTH (ft)	Gamma Ray			PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
734	30	60	90				Magothy	SW		Light gray (7.5YR 7/1) widely graded SAND with GRAVEL, interbedded silt or clay layers (continued)
736								SW		
738								SP		Light gray (7.5YR 7/1) poorly graded SAND with GRAVEL, medium Sand, little coarse sand, subrounded fine gravel
740				<0.50	<0.50			SP		Light Gray (7.5YR 7/1) poorly graded SAND with GRAVEL, subrounded to subangular coarse Sand, little medium sand, some subrounded fine gravel
742								GP		Light gray (7.5YR 7/1) poorly graded GRAVEL with SAND, subrounded to subangular fine Gravel, little medium to coarse sand
744								GW-GC		Light gray (10YR 7/1) widely graded GRAVEL, subrounded fine to coarse Gravel, several white clay seams (interbedded), little coarse sand
746								GW		Light gray (7.5YR 7/1) widely graded GRAVEL, subrounded to rounded fine Gravel, little coarse sand, little subrounded coarse gravel, little interbedded light gray clay
748								SP		Light gray (7.5YR 7/1) poorly graded SAND, subrounded to rounded coarse Sand, little subrounded fine gravel
750								GC		Dark gray (7.5YR 4/1) Clayey GRAVEL, fine to coarse Gravel, little coarse sand, some clay/silt
752								SP		Grey (7.5 YR 6/1) poorly graded sand, subangular medium sand, little coarse sand, trace fine gravel, trace clay/silt.
754								SP-SC		Light Gray (10 YR 7/2) poorly graded SAND with Clay, subangular medium to coarse Sand, few clay
756								SP-SC		Light gray (10YR 7/2) poorly graded SAND with CLAY, subangular medium to coarse Sand, little fine subrounded gravel
758								SP-SC		Gray (10YR 6/1) poorly graded SAND with CLAY and GRAVEL, coarse Sand, little medium sand, little fine subrounded gravel, interbedded white clay
760								SW-SC		
762										
764				<0.50	<0.50					
766										
768										
770										
772										
774										
776										
778										
780				<2.5	<2.5					
782				0						
784										
786										
788										
790										
792										
794										

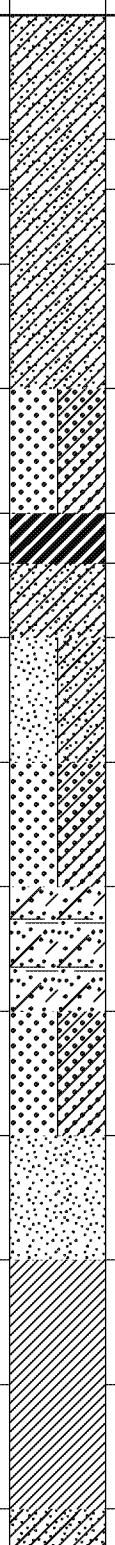
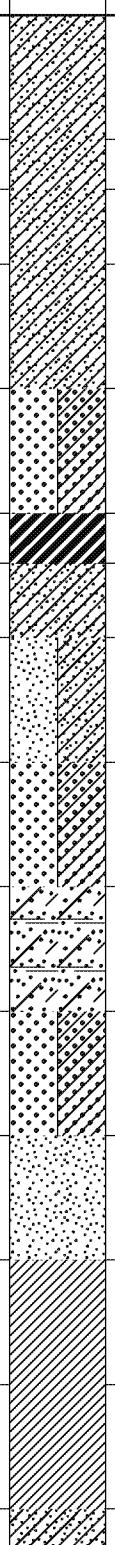
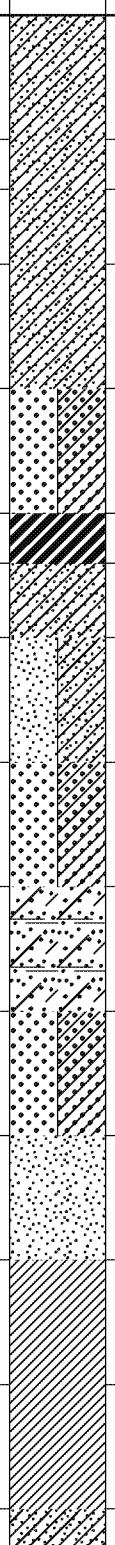
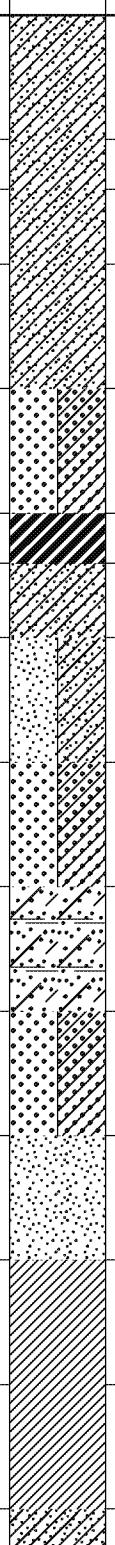
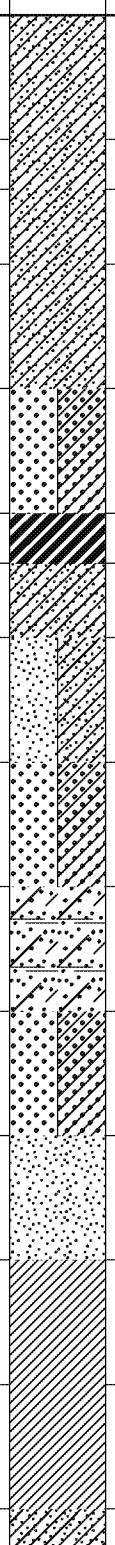
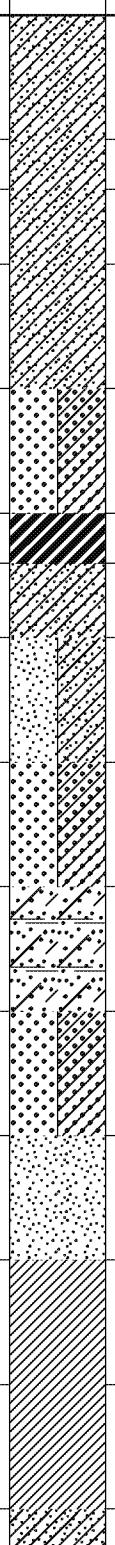
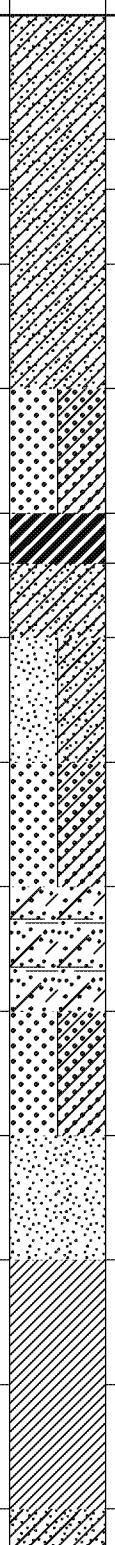
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DEPTH (ft)	Gamma Ray			PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
	30	60	90							
796							Magothy	SW-SC		Gray (10YR6/1) Widely Graded Sand with Clay and Gravel, subangular medium sand, little coarse sand, little fine sand (continued)
798										Gray (10YR 6/1) poorly graded SAND with CLAY, angular medium sand, little subrounded fine Gravel, few clay, several clay lenses (interbedded)
800				<0.50	<0.50					Gray (10YR 6/1) poorly graded SAND with CLAY, subangular medium Sand, little coarse sand, trace fine to coarse gravel, interbedded clay lenses
802										Gray (10YR 6/1) CLAYEY SAND, subangular fine to medium Sand, little coarse sand, 25% fines (clay/silt), trace fine gravel
804										Gray (10YR 6/1) CLAYEY SAND, subangular medium Sand, little fine sand, few coarse sand, 25% fines
806										Light gray (10YR 7/1) CLAYEY SAND, subangular medium Sand, little coarse sand, trace fine gravel, 20-25% fines (clay/silt)
808										Light gray (10YR 7/1) poorly graded SAND with CLAY, medium angular Sand, some coarse sand, little clay
810										Light gray (10YR 7/1) poorly graded SAND with CLAY, subangular medium Sand, little coarse sand, 10-15% fines (silt/clay)
812										Gray (10YR 5/1) poorly graded SAND, subangular medium Sand, little coarse sand, trace to few clay
814										Gray (10YR 5/1) CLAYEY SAND, subangular medium Sand, few coarse sand, some clay
816										Gray (2.5Y 5/1) CLAYEY SAND, fine to medium Sand, fines 25% (silt/clay)
818										Gray (10YR 5/1) CLAYEY SAND, subangular Sand, fines 25% (silt/clay)
820				<2.5	<2.5					Gray (10YR 5/1) poorly graded SAND with CLAY, subangular medium Sand, muscovite flakes, trace coarse sand
822										
824										
826										
828										
830										
832										
834										
836										
838										
840										
842										
844										
846										
848										
850										
852										
854										
856										

(Continued Next Page)

DEPTH (ft)	Gamma Ray	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
858					Magothy	SP-SC		Gray (10YR 5/1) poorly graded SAND with CLAY
860						SP-SC		Gray (10YR 5/1) poorly graded SAND with CLAY, fine to medium Sand, few fines (silt or clay)
862						SP-SC		Gray (10YR 5/1) CLAYEY SAND, subangular medium Sand, little coarse sand, little fines (15%)
864		0				SC		Gray (Gley 1 6/N) fine SAND with some white medium fat Clay
866					SC	SC		Gray (Gley 1 6/N) fine SAND with some white medium fat Clay, trace medium subangular sand
868						SC		Gray (Gley 1 5/104) fine SAND with some white medium fat Clay, trace coarse to medium subangular sand
870						SC		Gray (Gley 1 5/N) fine SAND with some white medium fat Clay, trace coarse to medium subangular sand
872						SC		Gray (7.5YR 6/1) CLAYEY SAND, subangular medium Sand, little fine sand, few coarse sand, trace fine gravel, 25% fines (silt or clay), few muscovite flakes
874						SC		Light gray (Gley 7/1) CLAYEY SAND, fine Sand, trace fine gravel, 25% fines (silt or clay)
876						SC		Gray (7.5YR 6/2) CLAYEY SAND, fine Sand, 40-50%, muscovite flakes
878						SC		
880						SC		
882						SC		
884						SC		
886						SC		
888						SC		
890						SC		
892						SC		
894						SC		
896						SC		
898			<0.50	<0.50		SC		
900						SC		
902						SC		
904						SC		
906						SC		
908						SC		
910						SC		
912						SC		
914						SC		
916						SC		
918						SC		

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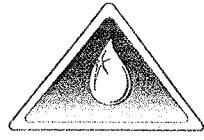
DEPTH (ft)	Gamma Ray	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
918	30 60 90							
920			<0.50	<0.50	Magothy	SC		Gray (7.5YR 6/2) CLAYEY SAND, fine Sand, 40-50%, muscovite flakes (continued)
922						SC		Light gray (Gley 7/1) CLAYEY SAND, fine Sand, muscovite flakes, 20% clay/silt (fines)
924			0			SC		Light gray (Gley 7/1) CLAYEY SAND, medium Sand, little coarse sand, 20% clay (fines)
926						SC		Gray (10YR 5/1) CLAYEY SAND, subangular medium Sand, little fine sand, little coarse sand, 25% fines
928						SW-SC		Gray (10YR 5/1) poorly graded SAND with CLAY, subangular medium Sand, little fine sand, little coarse sand, 10-15% fines
930						CH		Gray (Gley 5/1) fat CLAY (collected off tip of hydropunch)
932						SC		Gray (Gley 1 5/1) CLAYEY SAND, medium Sand, little coarse sand, 25% fines
934						SP-SC		Gray (Gley 1 5/1) poorly graded SAND with CLAY, fine to medium Sand, little coarse sand, few fines (10-15%)
936						SW-SC		Gray (2.5Y 6/1) widely graded SAND with CLAY, fine to coarse Sand, few clay
938						SW		Gray (2.5Y 6/1) widely graded SAND, 50% subrounded coarse Sand, some fine to medium sand, trace fine gravel, trace clay
940					SW-SC	SP		Gray (2.5Y 6/1) widely graded SAND with CLAY, subrounded coarse Sand (50%), some fine to medium sand, few to little clay
942								Gray (10YR 6/1) poorly graded SAND, subangular medium to coarse Sand, little subrounded fine gravel
944								Gray (2.5 Y 6/1) SANDY CLAY
946								
948								
950					CL	CL		Gray (2.5 Y 6/1) SANDY CLAY, fines (60%), fine Sand, muscovite flakes, little subangular medium sand
952								
954								
956								
958					SC	SC		Gray (2.5Y 6/1) CLAYEY SILTY SAND, subangular medium to coarse Sand, 30% fines
960								
962								
964					CL	CL		Gray (2.5 Y 6/1) CLAYEY SILTY SAND, subangular medium to coarse Sand, 30% fines
966								
968								
970					CL	CL		Gray (2.5 Y 6/1) CLAYEY SILTY SAND, subangular medium to coarse Sand, 30% fines
972								
974								
976					SC	SC		Gray (2.5Y 6/1) CLAYEY SILTY SAND, subangular medium to coarse Sand, 30% fines
978								

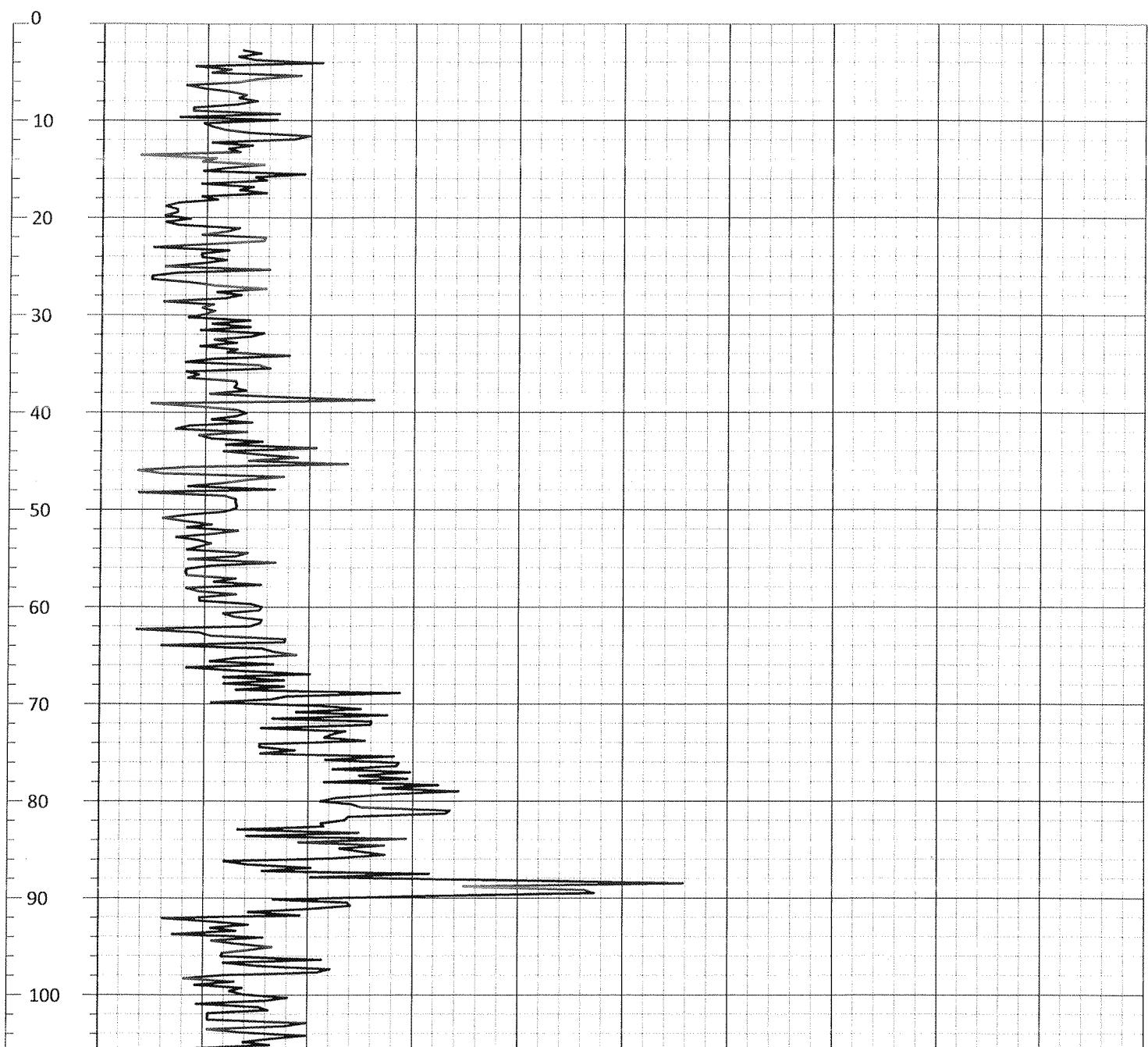
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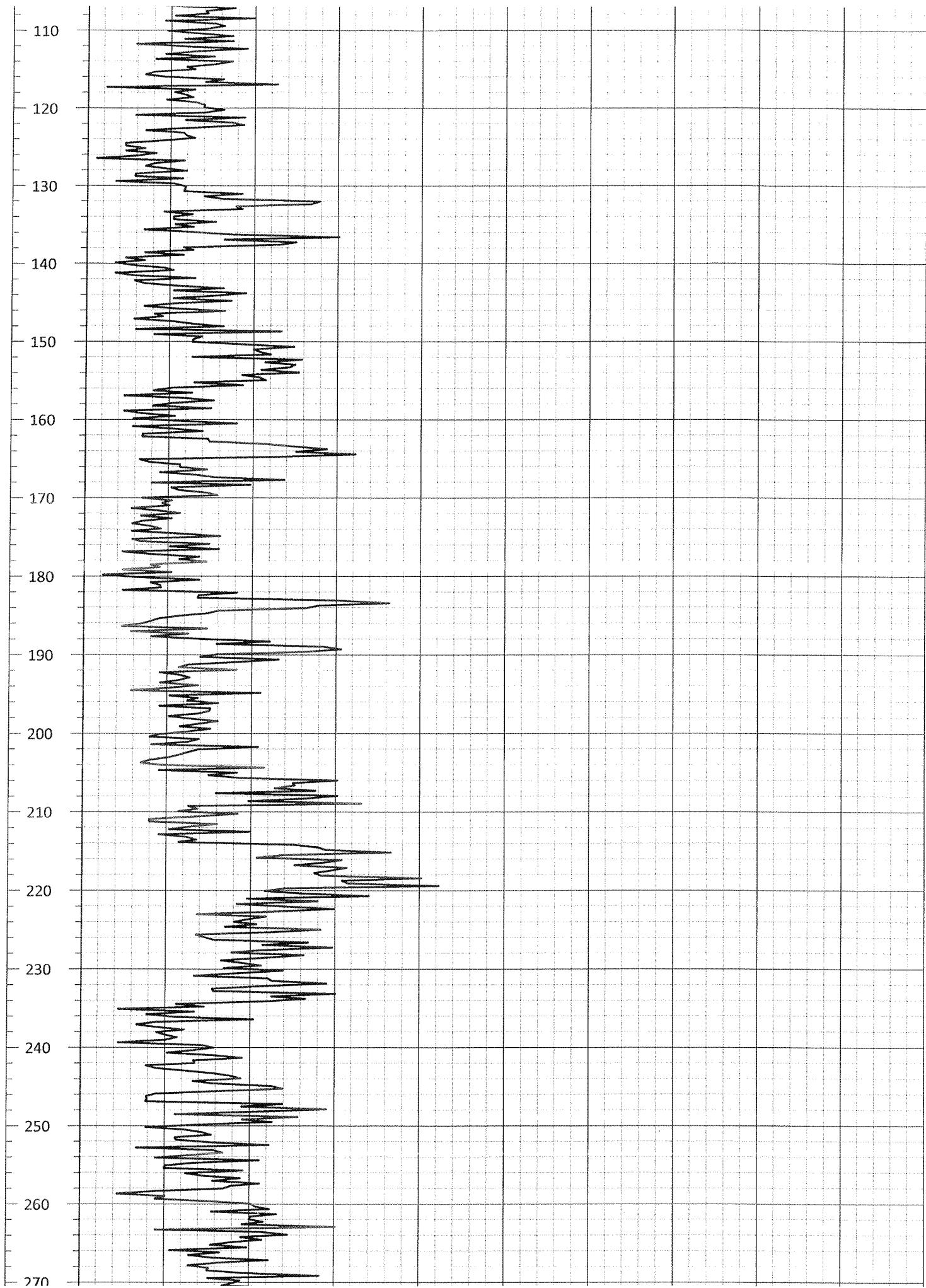
DEPTH (ft)	Gamma Ray	PID (ppm)	TCE (ug/L)	PCE (ug/L)	Formation	USCS	GRAPHIC LOG	MATERIAL DESCRIPTION
980	30 60 90							
982					Magothy	SC		Gray (2.5Y 6/1) CLAYEY SILTY SAND, subangular medium to coarse Sand, 30% fines (continued)
984						SC		Gray (10YR 5/1) CLAYEY SAND, subangular fine to coarse Sand, 30% fines, interbedded clay lenses
986						SC		
988						SC		Gray (10YR 5/1) CLAYEY SAND
990						SC		
992						CL		
994					Raritan			Dark gray (10YR 4/1) SANDY CLAY, angular fine to coarse Sand, 60% fines (silt or clay)
996						CH		
998		0				CH		Pinkish gray (5YR 6/2), fat CLAY, laminated
1000						CH		
1002						CH		
1004		0				CH		Reddish gray (2.5YR 5/1) and Red (10R) mottled fat CLAY
1006						CH		
1008						CH		
1010		0				CH		Weak red (10R) and Gray (7.5YR 6/1), fat CLAY, mottled trace to few Sand

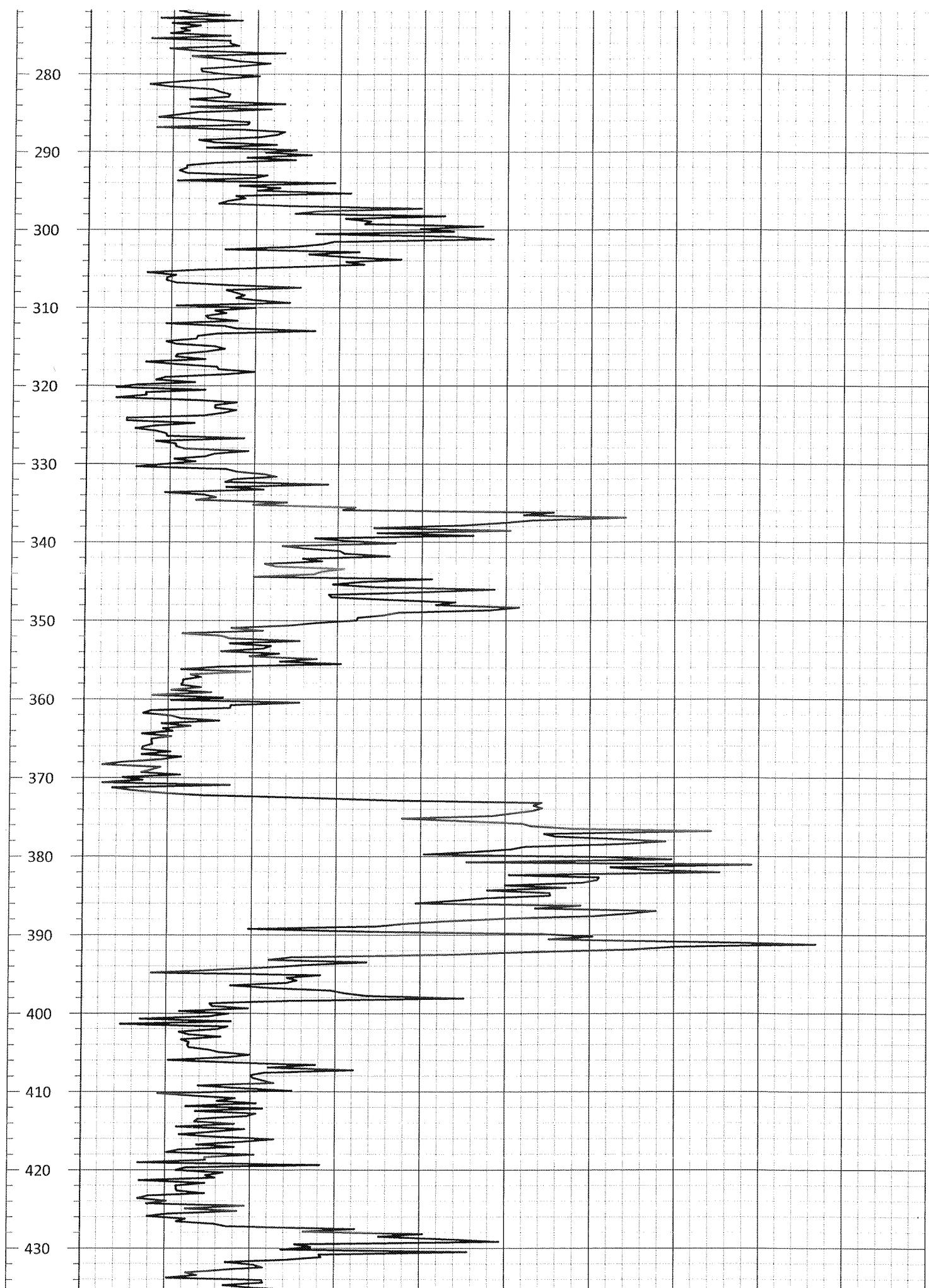
End of boring at 1010.0 ft. bgs.

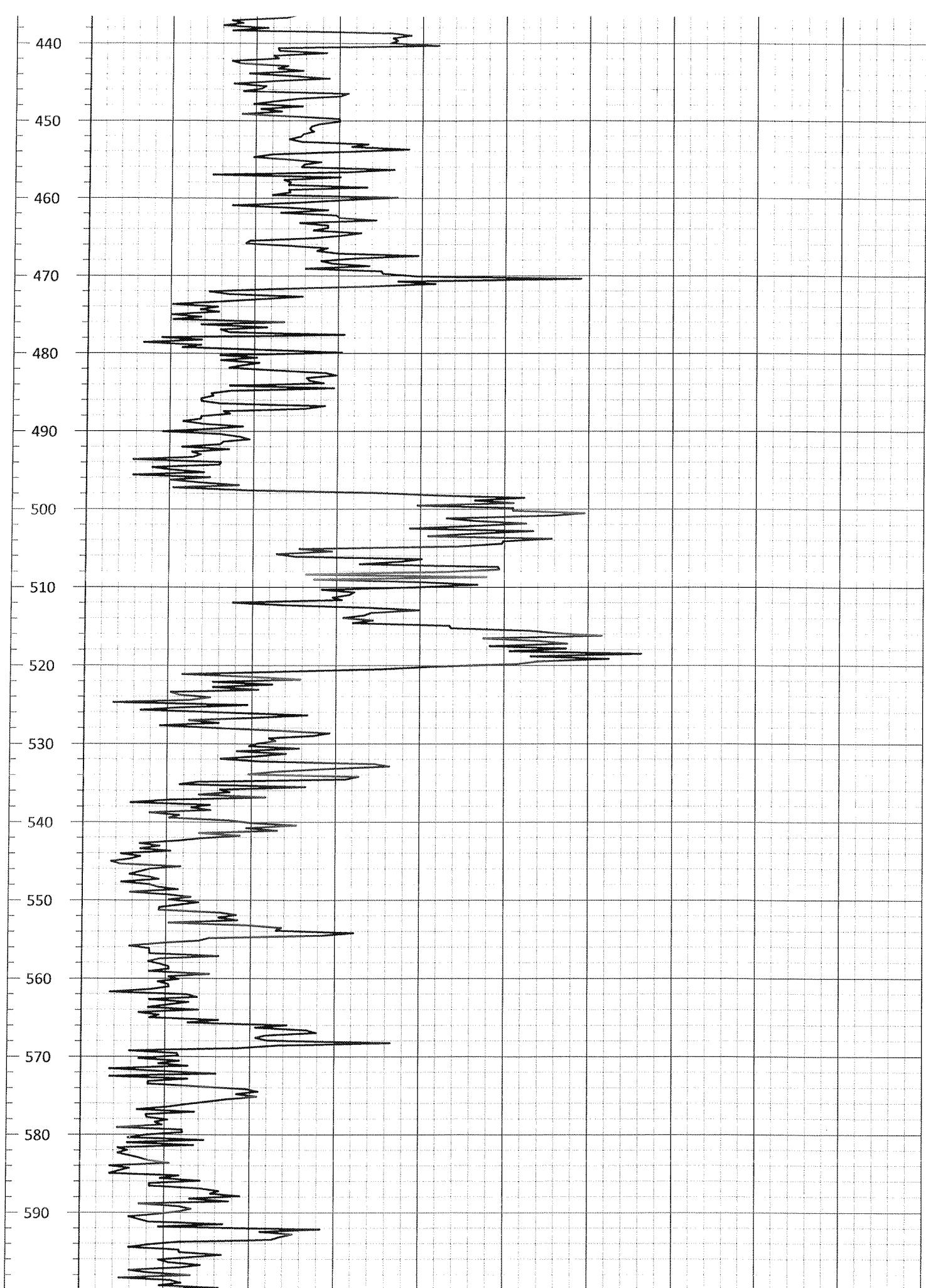
DOWN

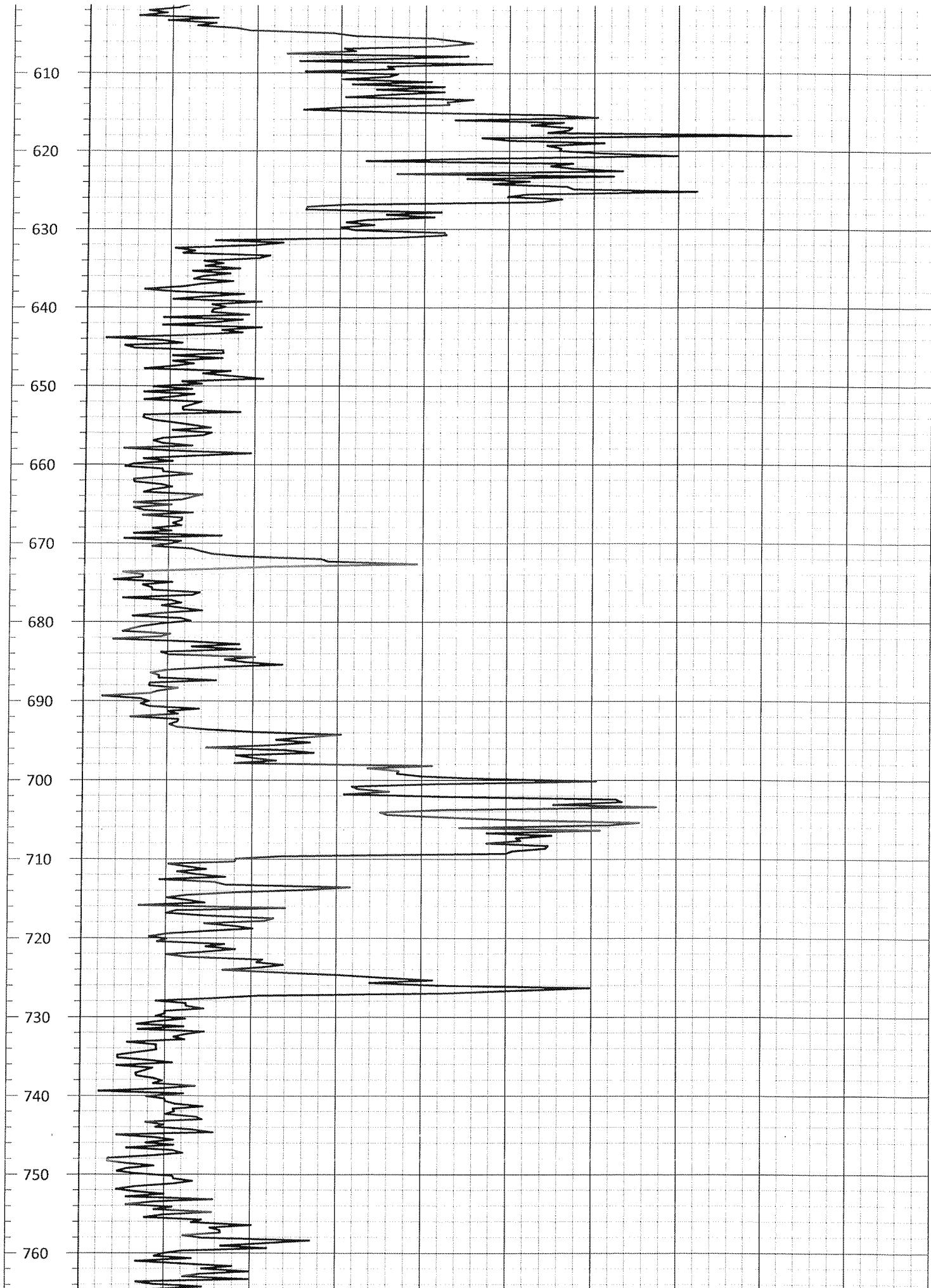
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	LOCATION: NWIRP WICKS AVE	
Well: VPB-167		Depth Driller:
		Depth Logger:
Date: 05/09/2016	Time:	Logged by: CMO
File Name: 739		Witness: VAL
Depth (ft.)	0.0	GAMMA (cps)
		100.0

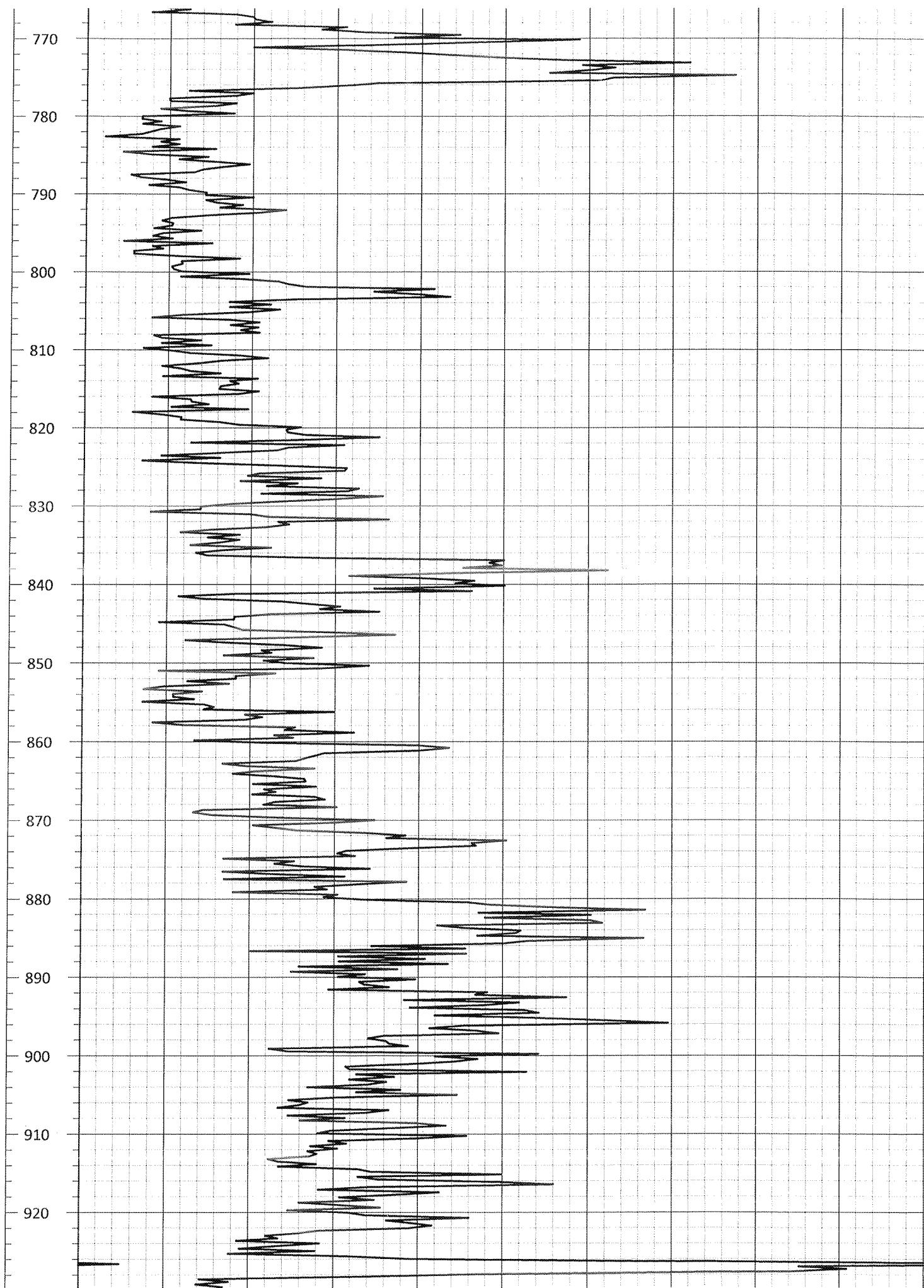


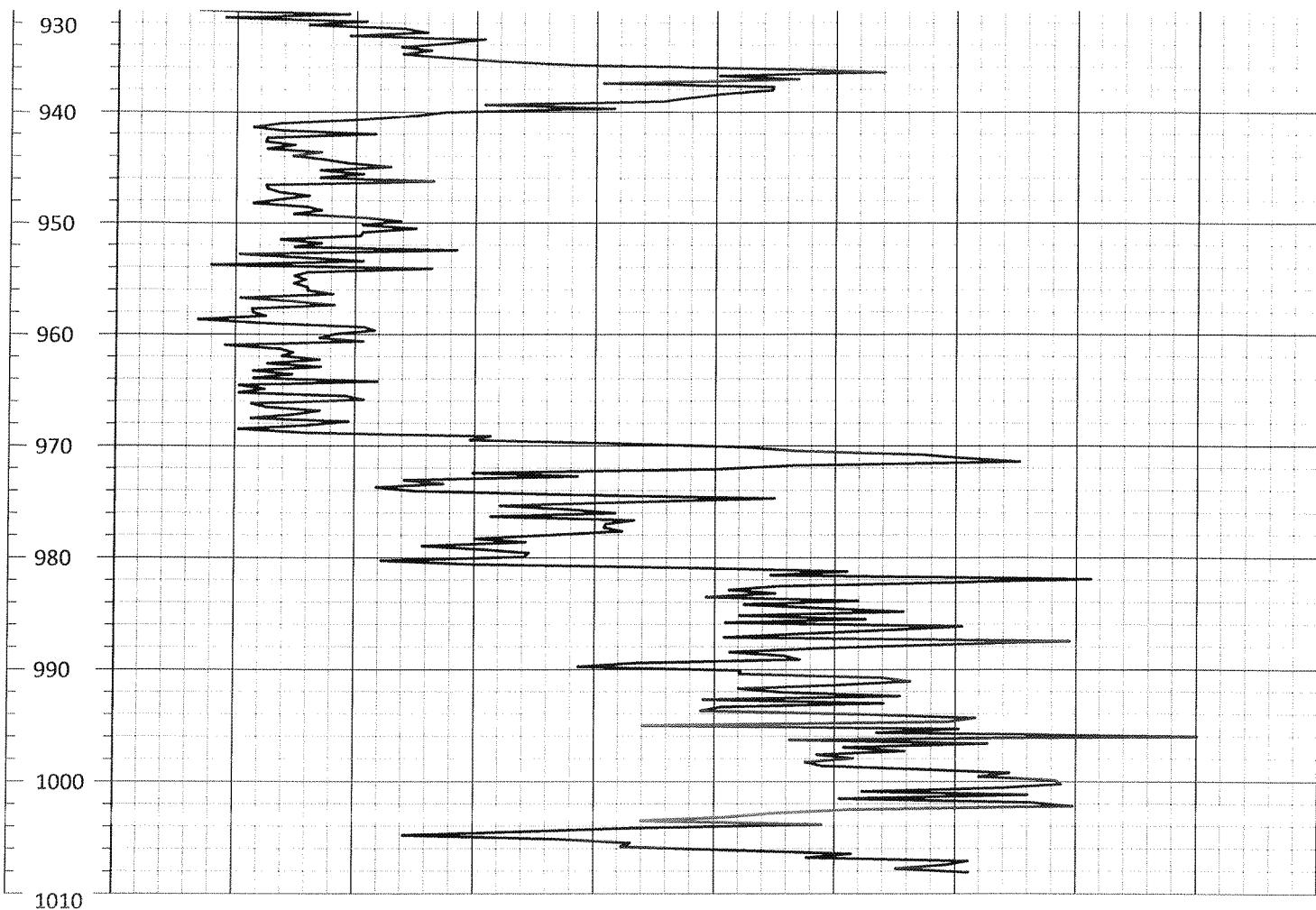








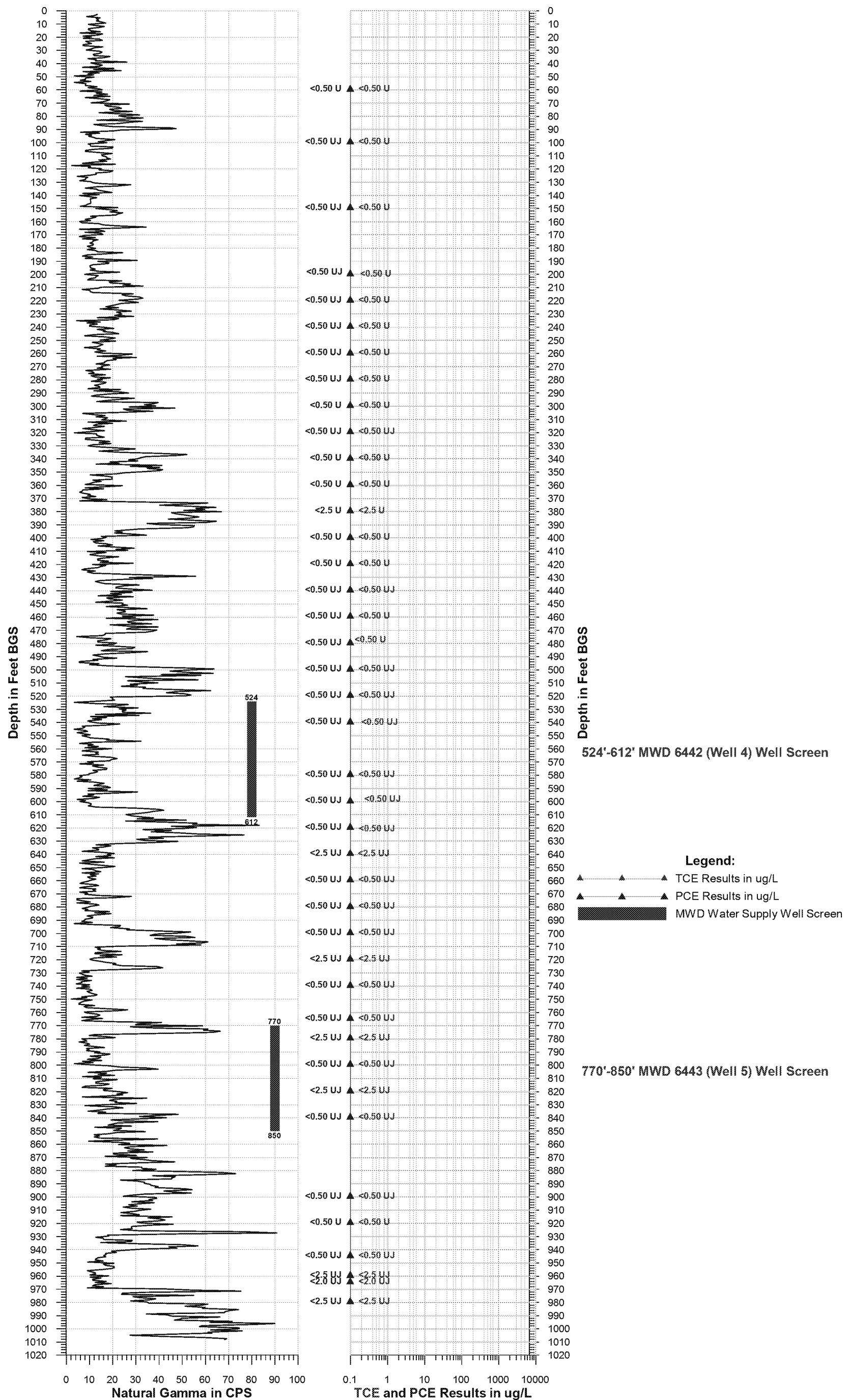




Depth (ft.)	GAMMA (cps)	
0.0	100.0	

Section 2
VPB167 Gamma and PCE/TCE Plot

Vertical Profile Boring VPB-167
Downward Run - May 9, 2016
Validated Analytical Data



Section 3
VPB167 Groundwater Sample Log Sheets

Page 1 of 3

Client:
Project No:
Site Location:
Weather Conds:

NWIRP - Bethpage
60266526

VPB 167 (Wicks & Howard)
Spring weather

Date: 3/23/16 - 4/11/16
VPB: VPB 167
Collector(s): Valerie Thayer
Mike Sobell (58'-60' and 98'-100')

Hydropunch Sample

Sample Date	Time	Temp (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Starting depth(ft)	Ending depth(ft)	Color
March 23, 2016	13:30	12.1	6.71	518.4	4.98	29.0	461.0	58	60	brown
March 25, 2016	10:45	11.9	6.33	465.7	3.23	4.78	361.6	98	100	
March 29, 2016	11:45	13.1	7.76	961.2	0.0	-169.8	off scale	148	150	pale gray
March 30, 2016	11:15	13.7	7.73	431.1	0.15	-210.0	off scale	198	200	gray
March 30, 2016	13:30	14.4	6.54	318	4.90	-12.1	0.99.26	218	220	gray
March 31, 2016	10:00	14.6	7.61	360	1.59	-18.0	332.9	238	240	pale gray
March 31, 2016	12:45	17.4	5.94	310	3.30	31.5	403.7	258	260	pale gray
March 31, 2016	15:00	16.6	6.31	474.4	1.00	402.3	483.3	278	280	pale gray
April 1, 2016	10:45	13.0	8.64	355.8	5.16	13.10	520.7	298	300	gray
April 1, 2016	11:45	not enough	recovery				318	320	320	gray
April 4, 2016	11:00	12.4	8.61	298.8	3.48	-43.4	519.3	338	340	Dark Gray
April 4, 2016	13:30	12.5	6.38	336.4	0.01	-197.1	159.3	358	360	Gray
April 5, 2016	11:00	not enough	sample				378	380	380	gray
April 5, 2016	13:00	13.5	8.78	303.6	13.04	1-59	543.5	398	400	Dark Gray
April 6, 2016	10:30	13.1	7.84	322	5.09	-55.7	383.2	418	420	clear to pale gray
April 6, 2016	13:30	14.2	6.15	187.4	3.76	-4.5	291	438	440	pale gray
April 7, 2016	10:00	13.8	8.87	308.8	1.92	-150	89.60	458	460	pale gray
April 11, 2016	11:30	13.0	7.98	331	3.25	-102.2	171.9	478	480	pale gray

see next page

Page 2 of 3

Hydropunch Sample

Client:
Project No:
Site Location:
Weather Conds:

NWIRP - Bethpage
60266526
VPB 167 Wicks & Howard
Variable

Date: 04/14 - 04/27/16
VPB: 167
Collector(s): V. Thayer

Sample Date	Time	Temp (°C)	pH	Spec. Cond. (µS/cm)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Starting depth(ft)	Ending depth(ft)	Color
04/11/16	11:30	14.8	6.92	858	---	2.8	off scale	498	500	Dark Gray
04/12/16	10:30	6	not enough recovery					518	520	Dark Gray
04/15/16	10:00	13.0	7.42	908	0.13	-37	off scale	538	540	Brown
04/15/16	13:00	6	not enough recovery					558	560	Brown
04/18/16	11:30	17.1	9.44	333.6	0.01	-486	off scale	578	580	Gray
04/18/16	14:15	19.6	8.65	754	---	-342.5	" "	598	600	Brownish Gray
04/19/16	11:45	19.0	7.72	175	0.21	-477	" "	618	620	Dark Gray
04/19/16	14:30	6	not enough recovery					638	640	Brownish -
04/20/16	11:00	14.5	8.6	414.9	---	7309	off scale	658	660	Brownish Gray
04/20/16	14:00	17.1	7.47	426.5	---	-539.7	off scale	678	680	Gray
04/21/16	10:30	12.6	8.92	200.2	1.88	-219.9	409.3	698	700	Pale Gray
04/21/16	14:00	17.1	6.49	874	---	-412	off scale	718	720	Gray
04/21/16			not enough recovery					738	740	Brownish Gray
04/22/16	14:30		not enough recovery					758	760	Grayish Brown
04/25/16	10:30	16.2	7.17	837	7630	-135.6	off scale	763	765	Brownish Gray
04/29/16	13:30		not enough recovery					778	780	Grayish Brown
04/26/16	11:00	16.7	8.37	890	19.10	-109.4	off scale	798	800	Brown
04/26/16	13:30		NO recovery					803	805	Pale Brown Gray
04/27/16	10:00	13.9	7.92	986	10.05	-550.1	off scale	818	820	Brown
04/27/16	14:30	19.6	6.97	724	---	-561.3	" "	838	840	Brown

Note: --- (no reading on YSI for this parameter)



Page 3 of 3

Hydropunch Sample

Client: NWIRP - Bethpage
Project No: 60266526
Site Location: Wicks & Howland
Weather Conds: variable

Date : 04/28/16 - 05/05/16
VPB: 167
Collector(s): Tim Christopher 4/29/16
V Thayer 4/28/16
05/02/16 - 05/05/16

Note: The bottle containing the sample at 858 - 860 feet collected 4/28/16 broke so it could not be analyzed.

Section 4

VPB167 Analytical Data Validation

- Analytical Data Sheets
- Chain of Custody Records
- Validation Letter and Table

RESOLUTION
CONSULTANTS**DATA VALIDATION REPORT**

Project:	Regional Groundwater Investigation — NWIRP Bethpage	
Laboratory:	Katahdin Analytical	
Sample Delivery Group:	BETHPAGE VPB167	
Analyses/Method: Volatile Organic Compounds (VOCs) by U.S. EPA SW-846 Method 8260C, Total Organic Carbon (TOC) by U.S. EPA SW-846 Method 9060A, and Standard Method 5310B for Total Organic Carbon by High-Temperature Combustion		
Validation Level:	3	
Project Number:	0888812477.SA.DV	
Prepared by:	Dana Miller/Resolution Consultants	Completed on: 06/30/2016
Reviewed by:	Tina Clemmey/Resolution Consultants	File Name: BETHPAGE VPB167_8260C_9060A_5310B

SUMMARY

This report summarizes data review findings for samples listed below, collected by Resolution Consultants from the Regional Groundwater Investigation — NWIRP Bethpage Site on 25 March to 5 May 2016 in accordance with the following Sampling and Analysis Plans:

- *Sampling and Analysis Plan, Bethpage, New York.* (Resolution Consultants, April 2013).
- *UFP SAP Addendum, Installation of Vertical Profile Borings and Monitoring Wells, Operable Unit 2, NWIRP Bethpage, New York.* (Resolution Consultants, November 2013).
- *UFP SAP Addendum, Inclusion of Additional Target Analytes for Volatile Organics Analyses, NWIRP Bethpage OU2, Bethpage, New York.* (Resolution Consultants, August 2014).

Sample ID	Lab ID	Matrix/Sample Type	Analysis
VPB167-GW-032316-58-60	SJ2054-1	Groundwater	8260C
VPB167-GW-032516-98-100	SJ2077-1	Groundwater	8260C
VPB167-TB-032516	SJ2077-2	Trip Blank	8260C
VPB167-GW-032916-148-150	SJ2146-2	Groundwater	8260C
VPB167-GW-033016-198-200	SJ2146-4	Groundwater	8260C
VPB167-GW-033016-218-220	SJ2193-2	Groundwater	8260C
VPB167-GW-033116-238-240	SJ2193-3RA	Groundwater	8260C
VPB167-GW-033116-258-260	SJ2193-4	Groundwater	8260C
VPB167-GW-033116-278-280	SJ2193-5	Groundwater	8260C
VPB167-GW-040116-298-300	SJ2252-2	Groundwater	8260C, 5310B

RESOLUTION
CONSULTANTS

Data Validation Report — Sample Delivery Group BETHPAGE VPB167

Sample ID	Lab ID	Matrix/Sample Type	Analysis
VPB167-GW-040116-318-320	SJ2252-3	Groundwater	8260C
VPB167-GW-040416-338-340	SJ2252-4	Groundwater	8260C
VPB167-GW-040416-358-360	SJ2252-5	Groundwater	8260C
VPB167-GW-D-032916	SJ2146-1	Groundwater	8260C
VPB167-GW-FD-040416	SJ2252-6	Groundwater	8260C
VPB167-TB-032916	SJ2146-3	Trip Blank	8260C
VPB167-TB-033016	SJ2193-1	Trip Blank	8260C
VPB167-TB-040116	SJ2252-1	Trip Blank	8260C
VPB167-EB-040616	SJ2326-3	Equipment Blank	8260C, 5310B
VPB167-GW-040516-378-380	SJ2326-5DL	Groundwater	8260C
VPB167-GW-040516-398-400	SJ2326-6	Groundwater	8260C
VPB167-GW-040616-418-420	SJ2326-4	Groundwater	8260C
VPB167-GW-040616-438-440	SJ2326-2	Groundwater	8260C
VPB167-GW-040716-458-460	SJ2368-2	Groundwater	8260C
VPB167-TB-040516	SJ2326-1	Trip Blank	8260C
VPB167-TB-040716	SJ2368-1	Trip Blank	8260C
VPB167-GW-041216-518-520	SJ2475-4	Groundwater	8260C
VPB167-TB-041216	SJ2475-1	Trip Blank	8260C
VPB167-GW-041116-478-480	SJ2476-2	Groundwater	8260C
VPB167-GW-041116-498-500	SJ2476-1	Groundwater	8260C
VPB167-GW-041516-538-540	SJ2604-4	Groundwater	8260C
VPB167-GW-041816-578-580	SJ2604-5	Groundwater	8260C
VPB167-GW-041816-598-600	SJ2604-6	Groundwater	8260C
VPB167-TB-041116	SJ2476-3	Trip Blank	8260C
VPB167-TB-041516	SJ2604-1	Trip Blank	8260C
VPB167-GW-041916-618-620	SJ2724-1	Groundwater	8260C
VPB167-GW-042016-658-660	SJ2724-5	Groundwater	8260C
VPB167-GW-042016-678-680	SJ2724-4	Groundwater	8260C
VPB167-TB-041916	SJ2724-3	Trip Blank	8260C
VPG167-GW-041916-638-640	SJ2724-2DL	Groundwater	8260C
VPB167-EB-042116	SJ2725-4	Equipment Blank	8260C, 5310B
VPB167-FB-041916	SJ2725-2	Field Blank	8260C, 5310B
VPB167-GW-042116-698-700	SJ2725-3	Groundwater	8260C
VPB167-GW-042116-718-720	SJ2725-5DL	Groundwater	8260C
VPB167-GW-042216-738-740	SJ2807-3	Groundwater	8260C
VPB167-GW-042516-763-765	SJ2807-2	Groundwater	8260C
VPB167-GW-042516-778-780	SJ2807-4DL	Groundwater	8260C
VPB167-GW-042616-798-800	SJ2871-2	Groundwater	8260C



Sample ID	Lab ID	Matrix/Sample Type	Analysis
VPB167-GW-042716-818-820	SJ2871-4DL	Groundwater	8260C
VPB167-GW-042716-838-840	SJ2871-3	Groundwater	8260C
VPB167-TB-041916-2	SJ2725-1	Trip Blank	8260C
VPB167-TB-042216	SJ2807-1	Trip Blank	8260C
VPB167-TB-042616	SJ2871-1	Trip Blank	8260C
VPB167-GW-042916-898-900	SJ2999-1	Groundwater	8260C
VPB167-GW-050216-918-920	SJ2999-2	Groundwater	8260C
VPB167-GW-050316-943-945	SJ3057-2	Groundwater	8260C
VPB167-GW-050416-958-960	SJ3057-3DL	Groundwater	8260C
VPB167-GW-050416-963-965	SJ3057-4DL	Groundwater	8260C
VPB167-GW-050516-978-980	SJ3103-2DL	Groundwater	8260C
VPB167-TB-042916	SJ2999-3	Trip Blank	8260C
VPB167-TB-050316	SJ3057-1	Trip Blank	8260C
VPB167-TB-050516	SJ3103-1	Trip Blank	8260C
VPB167-EB-041516	SJ2604-3	Equipment Blank	5310B
VPB167-SO-041516-563-565	SJ2604-2	Soil	9060A

Data validation activities were conducted using the following guidance documents: *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW-846, specifically Method 8260C, Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry* (U.S. EPA, 2006), *Test Methods for Evaluating Solid Waste, Physical/Chemical Methods SW-846, specifically Method 9060A, Total Organic Carbon* (U.S. EPA, 1996), *Method SM5310B, Total Organic Carbon by High-Temperature Combustion*, U.S. Environmental Protection Agency (U.S. EPA) Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (NFG, June 2008), U.S. Environmental Protection Agency (U.S. EPA) Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (NFG, January 2010), and Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories, Version 4.2 (October 2010). In the absence of method-specific information, laboratory quality control (QC) limits, project-specific requirements and/or professional judgment were used as appropriate.

REVIEW ELEMENTS

The data were evaluated based on the following parameters (where applicable to the method):

- ✓ Holding times and sample preservation
- ✓ Gas chromatography/Mass spectrometer performance checks
- ✗ Initial calibration (ICAL) /initial calibration verification (ICV)/continuing calibration verification (CCV)



RESOLUTION
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- Laboratory blanks/field blanks/equipment blanks/trip blanks
- Surrogate spike recoveries
- Matrix spike and/or matrix spike duplicate results
- Laboratory control sample/laboratory control sample duplicate results
- Field duplicates
- Internal standards
- Sample results/reporting issues

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. Acceptable data parameters for which all criteria were met and no qualification was performed and non-conformance or other issues that were noted during validation, but did not result in qualification of data are not discussed further. The symbol (X) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below.

RESULTS

Initial Calibration/Continuing Calibration Verification

Calibration data were reviewed for conformance with the QC acceptance criteria to ensure that:

- The ICAL percent relative standard deviation, correlation coefficient/coefficient of determination, and/or response factor method acceptance criteria were met
- The ICV standard percent recovery acceptance criteria were met
- The CCV method percent difference or percent drift and response factor acceptance criteria were met
- The retention time method acceptance criteria were met

Data qualification to the analytes associated with the specific ICAL was as follows:

ICAL Linearity Non-conformance:

Criteria	Actions	
	Detected Results	Non-detected Results
%RSD >15% and quantitation based on mean response factor	J	UJ

Notes:

%RSD = Relative standard deviation

RESOLUTION
CONSULTANTS

Data Validation Report — Sample Delivery Group BETHPAGE VPB167

J = Estimated
UJ = Undetected and estimated

Data qualification to the analytes associated with the specific ICV was as follows:

ICV Recovery Non-conformance:

Criteria	Actions	
	Detected Results	Non-detected Results
Recovery >120%	J	UJ
Recovery < 80%	J	UJ

Notes:

J = Estimated
UJ = Undetected and estimated

Data qualification to the analytes associated with the specific CCV was as follows:

CCV Linearity Non-conformance:

Criteria	Actions	
	Detected Results	Non-detected Results
%Difference or %Drift > 20%	J	UJ

Notes:

J = Estimated
UJ = Undetected and estimated

Laboratory Blanks/Equipment Blanks/ Field Blanks/Trip Blanks

Laboratory blanks, equipment blanks, field blanks, and trip blanks were analyzed with samples to assess contamination imparted by sample preparation and/or analysis. All results associated with a particular blank were evaluated to determine whether there was an inherent variability in the data, or if a problem was an isolated occurrence that did not affect the data. Samples were flagged in accordance with *Functional Guidelines* (shown below) where detections were not believed to be site-related.

Blank Non-conformance Charts:

For common lab contaminants (methylene chloride, acetone, 2-butanone):			
Blank type	Blank result	Sample result	Action for samples
Method, Storage, Trip, Field, or Equipment	Detects	Not detected	No qualification
		< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ and ≤ 4x the LOQ	Report the sample result with a U**
		≥ 4x the LOQ	No qualifications

RESOLUTION
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Data Validation Report — Sample Delivery Group BETHPAGE VPB167

For common lab contaminants (methylene chloride, acetone, 2-butanone):			
Blank type	Blank result	Sample result	Action for samples
> 2x LOQ	< LOD	< LOD	Report sample LOD value with a U**
	> LOD and < 2x LOQ	> LOD and < 2x LOQ	Report sample LOQ value with a U
	≥ 2x LOQ and < blank contamination	≥ 2x LOQ and < blank contamination	Report the blank result with a U or reject the sample result as unusable R
	≥ 2x LOQ and ≥ blank contamination	≥ 2x LOQ and ≥ blank contamination	If the result is ≤ 2x blank result, report the sample result U.** If the result is > 2x blank result, no qualification is required. **

**Based on Resolution Consultants professional judgment

For all other compounds:			
Blank type	Blank result	Sample result	Action for samples
Method, Storage, Trip, Field, or Equipment	Detects	Not detected	No qualification
	< 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ	Use professional judgment
	> 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ and < blank contamination	Report the blank result with a U or reject the sample result as unusable R
		≥ 2x LOQ and ≥ blank contamination	If the result is ≤ 2x blank result, report the sample result U. If the result is > 2x blank result, no qualification is required.
	= 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ	Use professional judgment
	Gross contamination	Detects	Qualify results as unusable R

Notes:

- LOQ = Limit of quantitation
LOD = Limit of detection
U = Undetected
R = Rejected

Laboratory Control Samples / Laboratory Control Sample Duplicate

LCS %Rs is used to monitor the overall accuracy and performance of each step during analysis, including sample preparation. The laboratory analyzed LCSs in duplicate when matrix spike/matrix spike duplicates were not reported. In these instances, the laboratory determined precision between the duplicated values. Data qualification to the analytes associated with the specific LCS/LCS duplicate was as follows:

Laboratory Control Sample / Laboratory Control Sample Duplicate Non-conformance Chart:

Criteria	Action	
	Detected	Non-detected
% R or RPD > UL	J	No qualification
%R < LL	J	UJ
%R < 20%	J	Rejected

Notes:

%R = Percent recovery
 RPD = Relative percent difference
 UL = Upper limit
 LL = Lower limit
 J = Estimated
 UJ = Undetected and estimated

Qualifications Actions

The data were reviewed independently from the laboratory to assess data quality. All compounds detected at concentrations less than the limit of quantitation but greater than the method detection limit were qualified by the laboratory as estimated (J). This "J" qualifier was retained during data validation. Any sample that was analyzed at a dilution because of high concentrations of target or non-target analytes was checked to confirm that the results and/or sample-specific limit of quantitation and limit of detections were adjusted accordingly by the laboratory.

No results were rejected; therefore, analytical completeness was calculated to be 100 percent. Data not qualified during data review are considered usable by the project. The remaining results qualified as estimated may be high or low, but the data are usable for their intended purpose, according to U.S. EPA and Department of Defense guidelines. Final data review qualifiers used to describe results and how they should be interpreted by the end data user are provided in Attachment A and Attachment B. Attachment C provides final results after data review.

ATTACHMENTS

- Attachment A: Qualifier Codes and Explanations
- Attachment B: Reason Codes and Explanations
- Attachment C: Final Results after Data Review

Attachment A
Qualifier Codes and Explanations

Qualifier	Explanation
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual quantitation limit necessary to accurately and precisely measure the analyte in the sample.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

Attachment B
Reason Codes and Explanations

Reason Code	Explanation
be	Equipment blank contamination
bf	Field blank contamination
bl	Laboratory blank contamination
bm	Missing blank information
bt	Trip blank contamination
c	Calibration issue
cr	Chromatographic resolution
d	Reporting limit raised due to chromatographic interference
dt	Dissolved result > total over limit
e	Ether interference
ej	Above calibration range; result estimated.
f	Presumed contamination from FB or ER.
fd	Field duplicate RPDs
h	Holding times
hs	Headspace greater than 6mm in all sample vials
i	Internal standard areas
ii	Injection internal standard area or retention time exceedance
it	Instrument tune
k	Estimated maximum possible concentrations (EMPC)
l	LCS recoveries
lc	Labeled compound recovery
ld	Laboratory duplicate RPDs
lp	Laboratory control sample/laboratory control sample duplicate RPDs
m	Matrix spike recovery
mc	Deviation from the method
md	MS/MSD RPDs
nb	Negative laboratory blank contamination
p	Chemical preservation issue
p-h	Uncertainty near detection limit (< Reporting Limit), historical reason code applied.
pe	Post Extraction Spike
q	Quantitation issue
r	Dual column RPD
rt	SIM ions not within + 2 seconds
s	Surrogate recovery
sp	Sample preparation issue
su	Evidence of ion suppression
t	Temperature Preservation Issue
x	Low % solids
y	Serial dilution results
z	ICS results

Attachment C
Final Results after Data Review

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

				Sample Delivery Group	SJ2054		
				Lab ID	SJ2054-1		
				Sample ID	VPB167-GW-032316-58-60		
				Sample Date	3/23/2016		
				Sample Type	Groundwater		
Method	Analyte	CAS No	Units		Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U		
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U		
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U		
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U		
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U		
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U		
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U		
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U		
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U		
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U		
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U		
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U		
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U		
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U		
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	UJ	c	
8260C	2-BUTANONE	78-93-3	UG L	2.5	U		
8260C	2-HEXANONE	591-78-6	UG L	2.5	U		
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U		
8260C	ACETONE	67-64-1	UG L	2.5	UJ	c	
8260C	BENZENE	71-43-2	UG L	0.5	U		
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U		
8260C	BROMOFORM	75-25-2	UG L	0.5	U		
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	c	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	UJ	c	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U		
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U		
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c	
8260C	CHLOROFORM	67-66-3	UG L	0.47	J		
8260C	CHLOROMETHANE	74-87-3	UG L	1	U		
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U		
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U		
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U		
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U		
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	U		
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U		
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U		
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U		
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U		
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U		
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U		
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U		
8260C	O-XYLENE	95-47-6	UG L	0.5	U		
8260C	STYRENE	100-42-5	UG L	0.5	U		
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U		
8260C	TOLUENE	108-88-3	UG L	0.64	J		
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U		
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U		
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U		
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U		
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U		
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U		

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Method	Analyte	Sample Delivery Group					
		Lab ID	Sample ID	Sample Date	SJ2077	SJ2077-1	
					VPB167-GW-032516-98-100	3/25/2016	
				Sample Type	Groundwater		
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U		
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U		
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ	c	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U		
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U		
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U		
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U		
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U		
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U		
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U		
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U		
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U		
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U		
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U		
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U		
8260C	2-BUTANONE	78-93-3	UG L	2.5	U		
8260C	2-HEXANONE	591-78-6	UG L	2.5	U		
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U		
8260C	ACETONE	67-64-1	UG L	6.9	J	c	
8260C	BENZENE	71-43-2	UG L	0.5	U		
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U		
8260C	BROMOFORM	75-25-2	UG L	0.5	U		
8260C	BROMOMETHANE	74-83-9	UG L	1	U		
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U		
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U		
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U		
8260C	CHLOROETHANE	75-00-3	UG L	1	U		
8260C	CHLOROFORM	67-66-3	UG L	0.5	U		
8260C	CHLOROMETHANE	74-87-3	UG L	1	U		
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U		
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U		
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U		
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U		
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	U		
8260C	ETHYLBENZENE	100-41-4	UG L	0.22	J		
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U		
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U		
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U		
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U		
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U		
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U		
8260C	O-XYLENE	95-47-6	UG L	0.26	J		
8260C	STYRENE	100-42-5	UG L	0.5	U		
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	c	
8260C	TOLUENE	108-88-3	UG L	1.1			
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U		
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U		
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U		
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U		
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U		
8260C	XYLENES, TOTAL	1330-20-7	UG L	0.26	J		

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2077		
Lab ID				SJ2077-2		
Sample ID				VPB167-TB-032516		
Sample Date				3/25/2016		
Sample Type				Trip Blank		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ	c
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	2.5	UJ	c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	U	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Method	Analyte	CAS No	Units	Result	Sample Delivery Group	
					Lab ID	Sample ID
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	2.5	UJ	bt,c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	U	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.56	J	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Method	Analyte	CAS No	Units	Sample Delivery Group		
				Lab ID	SJ2146	SJ2146-2
				Sample ID	VPB167-GW-032916-148-150	
				Sample Date	3/29/2016	
				Sample Type	Groundwater	
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	2.5	UJ	bt,c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	U	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.53	J	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group	Lab ID	SJ2146		
		Sample ID	Sample Date	SJ2146-3		
		Sample Type	VPB167-TB-032916			
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	2.7	J	c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	U	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

				Sample Delivery Group	SJ2146	
				Lab ID	SJ2146-4	
				Sample ID	VPB167-GW-033016-198-200	
				Sample Date	3/30/2016	
				Sample Type	Groundwater	
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	2.5	UJ	bt,c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	U	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group						
	Lab ID	Sample ID	Sample Date	SJ2193	SJ2193-1	VPB167-TB-033016
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ	c
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	2.5	UJ	c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	U	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Method	Analyte	CAS No	Units	Sample Delivery Group		
				Lab ID	SJ2193	SJ2193-2
				Sample ID	VPB167-GW-033016-218-220	
				Sample Date	3/30/2016	
				Sample Type	Groundwater	
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ	c
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	5.7	J	c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	U	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

				Sample Delivery Group	SJ2193		
				Lab ID	SJ2193-3RA		
				Sample ID	VPB167-GW-033116-238-240		
				Sample Date	3/31/2016		
				Sample Type	Groundwater		
Method	Analyte	CAS No	Units		Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U		
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U		
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ	I,C	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U		
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U		
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U		
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U		
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U		
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U		
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U		
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U		
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U		
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U		
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U		
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U		
8260C	2-BUTANONE	78-93-3	UG L	2.5	U		
8260C	2-HEXANONE	591-78-6	UG L	2.5	U		
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U		
8260C	ACETONE	67-64-1	UG L	3.7	J	c	
8260C	BENZENE	71-43-2	UG L	0.5	U		
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U		
8260C	BROMOFORM	75-25-2	UG L	0.5	U		
8260C	BROMOMETHANE	74-83-9	UG L	1	U		
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U		
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U		
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U		
8260C	CHLOROETHANE	75-00-3	UG L	1	U		
8260C	CHLOROFORM	67-66-3	UG L	0.5	U		
8260C	CHLOROMETHANE	74-87-3	UG L	1	U		
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U		
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U		
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U		
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U		
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	U		
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U		
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U		
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U		
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U		
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U		
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U		
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U		
8260C	O-XYLENE	95-47-6	UG L	0.5	U		
8260C	STYRENE	100-42-5	UG L	0.5	U		
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	c	
8260C	TOLUENE	108-88-3	UG L	0.5	U		
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U		
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U		
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U		
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U		
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U		
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U		

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Method	Analyte	CAS No	Units	Sample Delivery Group		
				Lab ID	SJ2193	SJ2193-4
				Sample ID	VPB167-GW-033116-258-260	
				Sample Date	3/31/2016	
				Sample Type	Groundwater	
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ	c
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	2.7	J	c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	U	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Method	Analyte	CAS No	Units	Sample Delivery Group		
				Lab ID	SJ2193	SJ2193-5
				Sample ID	VPB167-GW-033116-278-280	
				Sample Date	3/31/2016	
				Sample Type	Groundwater	
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ	c
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	3.6	J	c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	U	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group	Lab ID	SJ2252		
		Sample ID	SJ2252-1			
		Sample Date	VPB167-TB-040116			
		Sample Type	4/1/2016			
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	c
8260C	ACETONE	67-64-1	UG L	2.5	UJ	bl,c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U	
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	c
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	c
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

				Sample Delivery Group	SJ2252		
				Lab ID	SJ2252-2		
				Sample ID	VPB167-GW-040116-298-300		
				Sample Date	4/1/2016		
				Sample Type	Groundwater		
Method	Analyte	CAS No	Units		Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U		
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U		
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U		
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U		
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U		
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U		
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U		
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U		
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U		
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U		
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U		
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U		
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U		
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U		
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U		
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c	
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	c	
8260C	ACETONE	67-64-1	UG L	2.5	UJ	bt,bl,c	
8260C	BENZENE	71-43-2	UG L	0.5	U		
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U		
8260C	BROMOFORM	75-25-2	UG L	0.5	U		
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	c	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U		
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U		
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U		
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U		
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	c	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U		
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U		
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U		
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U		
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U		
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	c	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U		
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U		
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U		
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U		
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U		
8260C	O-XYLENE	95-47-6	UG L	0.5	U		
8260C	STYRENE	100-42-5	UG L	0.5	U		
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U		
8260C	TOLUENE	108-88-3	UG L	0.5	U		
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U		
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U		
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U		
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	c	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	c	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U		

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2252		
Lab ID				SJ2252-3		
Sample ID				VPB167-GW-040116-318-320		
Sample Date				4/1/2016		
Sample Type				Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG L	5	J	c,mc
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c,mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	c,mc
8260C	ACETONE	67-64-1	UG L	32	J	c,mc
8260C	BENZENE	71-43-2	UG L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	c,mc
8260C	CARBON DISULFIDE	75-15-0	UG L	0.29	J	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c,mc
8260C	CHLOROFORM	67-66-3	UG L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG L	0.8	J	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	c,mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	c,mc
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	c,mc
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	UJ	mc

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Method	Analyte	Sample Delivery Group					
		Lab ID	Sample ID	Sample Date	SJ2252	SJ2252-4	
					VPB167-GW-040416-338-340	4/4/2016	
				Sample Type	Groundwater		
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U		
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U		
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U		
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U		
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U		
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U		
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U		
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U		
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U		
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U		
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U		
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U		
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U		
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U		
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U		
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c	
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	c	
8260C	ACETONE	67-64-1	UG L	2.5	UJ	bt,bl,c	
8260C	BENZENE	71-43-2	UG L	0.5	U		
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U		
8260C	BROMOFORM	75-25-2	UG L	0.5	U		
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	c	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.32	J		
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U		
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U		
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U		
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	c	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U		
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U		
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U		
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U		
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U		
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	c	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U		
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U		
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U		
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U		
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U		
8260C	O-XYLENE	95-47-6	UG L	0.5	U		
8260C	STYRENE	100-42-5	UG L	0.5	U		
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U		
8260C	TOLUENE	108-88-3	UG L	0.5	U		
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U		
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U		
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U		
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	c	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	c	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U		

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

				Sample Delivery Group	SJ2252		
				Lab ID	SJ2252-5		
				Sample ID	VPB167-GW-040416-358-360		
				Sample Date	4/4/2016		
				Sample Type	Groundwater		
Method	Analyte	CAS No	Units		Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U		
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U		
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U		
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U		
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U		
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U		
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U		
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U		
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U		
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U		
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U		
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U		
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U		
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U		
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U		
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c	
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	c	
8260C	ACETONE	67-64-1	UG L	2.5	UJ	bt,bl,c	
8260C	BENZENE	71-43-2	UG L	0.5	U		
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U		
8260C	BROMOFORM	75-25-2	UG L	0.5	U		
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	c	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U		
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U		
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U		
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U		
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	c	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U		
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U		
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U		
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U		
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U		
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	c	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U		
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U		
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U		
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U		
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U		
8260C	O-XYLENE	95-47-6	UG L	0.5	U		
8260C	STYRENE	100-42-5	UG L	0.5	U		
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U		
8260C	TOLUENE	108-88-3	UG L	0.5	U		
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U		
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U		
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U		
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	c	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	c	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U		

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

				Sample Delivery Group	SJ2252		
				Lab ID	SJ2252-6		
				Sample ID	VPB167GW-FD-040416		
				Sample Date	4/4/2016		
				Sample Type	Field Duplicate		
Method	Analyte	CAS No	Units		Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U		
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U		
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U		
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U		
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U		
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U		
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U		
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U		
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U		
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U		
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U		
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U		
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U		
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U		
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U		
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c	
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	c	
8260C	ACETONE	67-64-1	UG L	2.5	UJ	bt,bl,c	
8260C	BENZENE	71-43-2	UG L	0.5	U		
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U		
8260C	BROMOFORM	75-25-2	UG L	0.5	U		
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	c	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U		
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U		
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U		
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U		
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	c	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U		
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U		
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U		
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U		
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U		
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	c	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U		
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U		
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U		
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U		
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U		
8260C	O-XYLENE	95-47-6	UG L	0.5	U		
8260C	STYRENE	100-42-5	UG L	0.5	U		
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U		
8260C	TOLUENE	108-88-3	UG L	0.5	U		
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U		
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U		
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U		
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	c	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	c	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U		

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group						
	Lab ID	Sample ID	Sample Date	SJ2326	SJ2326-1	VPB167-TB-040516
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	c
8260C	ACETONE	67-64-1	UG L	2.5	UJ	bl,c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U	
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	c
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	c
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2326		
Lab ID				SJ2326-2		
Sample ID				VPB167-GW-040616-438-440		
Sample Date				4/6/2016		
Sample Type				Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	c,mc
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c,mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	c,mc
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	be,bl,c,mc
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	c,mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c,mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	c,mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	c,mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	c,mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	c,mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

				Sample Delivery Group	SJ2326		
				Lab ID	SJ2326-3		
				Sample ID	VPB167-EB-040616		
				Sample Date	4/6/2016		
				Sample Type	Equipment Blank		
Method	Analyte	CAS No	Units		Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U		
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U		
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U		
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U		
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U		
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U		
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U		
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U		
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U		
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U		
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U		
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U		
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U		
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U		
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U		
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c	
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	c	
8260C	ACETONE	67-64-1	UG L	2.5	UJ	bl,c	
8260C	BENZENE	71-43-2	UG L	0.5	U		
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U		
8260C	BROMOFORM	75-25-2	UG L	0.5	U		
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	c	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U		
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U		
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U		
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U		
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	c	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U		
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U		
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U		
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U		
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U		
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	c	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U		
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U		
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U		
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U		
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U		
8260C	O-XYLENE	95-47-6	UG L	0.5	U		
8260C	STYRENE	100-42-5	UG L	0.5	U		
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U		
8260C	TOLUENE	108-88-3	UG L	0.5	U		
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U		
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U		
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U		
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	c	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	c	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U		

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2326		
Lab ID				SJ2326-4		
Sample ID				VPB167-GW-040616-418-420		
Sample Date				4/6/2016		
Sample Type				Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	c
8260C	ACETONE	67-64-1	UG L	2.5	UJ	be,bl,c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U	
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	c
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	c
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
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- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2326 SJ2326-5DL VPB167-GW-040516-378-380 4/5/2016 Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	2.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	2.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	2.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	2.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	2.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	2.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	2.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	3.8	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	2.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	2.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	2.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	5	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	2.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	2.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	2.5	U	
8260C	2-BUTANONE	78-93-3	UG L	12	UJ	c
8260C	2-HEXANONE	591-78-6	UG L	12	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	12	UJ	c
8260C	ACETONE	67-64-1	UG L	12	UJ	be,bl,c
8260C	BENZENE	71-43-2	UG L	2.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	2.5	U	
8260C	BROMOFORM	75-25-2	UG L	2.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	5	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG L	2.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	2.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	2.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	5	UJ	c
8260C	CHLOROFORM	67-66-3	UG L	2.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	5	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	2.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	2.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	2.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	2.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	5	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG L	2.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	2.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	5	U	
8260C	METHYL ACETATE	79-20-9	UG L	3.8	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	60		
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	2.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	12	U	
8260C	O-XYLENE	95-47-6	UG L	2.5	U	
8260C	STYRENE	100-42-5	UG L	2.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	2.5	U	
8260C	TOLUENE	108-88-3	UG L	2.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	2.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	2.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	2.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	5	UJ	c
8260C	VINYL CHLORIDE	75-01-4	UG L	5	UJ	c
8260C	XYLENES, TOTAL	1330-20-7	UG L	7.5	U	

Notes:

- UG_L = Micrograms per liter
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 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2326 SJ2326-6 VPB167-GW-040516-398-400 4/5/2016 Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	c
8260C	ACETONE	67-64-1	UG L	2.5	UJ	be,bl,c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	1.7		
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U	
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	c
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	c
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group	Lab ID	SJ2368		
		Sample ID	SJ2368-1			
		Sample Date	VPB167-TB-040716			
		Sample Type	4/7/2016			Trip Blank
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	2.5	UJ	c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	U	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	I,c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	c
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

				Sample Delivery Group	SJ2368		
				Lab ID	SJ2368-2		
				Sample ID	VPB167-GW-040716-458-460		
				Sample Date	4/7/2016		
				Sample Type	Groundwater		
Method	Analyte	CAS No	Units		Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U		
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U		
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U		
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U		
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U		
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U		
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U		
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U		
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U		
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U		
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U		
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U		
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U		
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U		
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U		
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c	
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U		
8260C	ACETONE	67-64-1	UG L	3.9	J	c	
8260C	BENZENE	71-43-2	UG L	0.5	U		
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U		
8260C	BROMOFORM	75-25-2	UG L	0.5	U		
8260C	BROMOMETHANE	74-83-9	UG L	1	U		
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U		
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U		
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U		
8260C	CHLOROETHANE	75-00-3	UG L	1	U		
8260C	CHLOROFORM	67-66-3	UG L	0.5	U		
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	I,c	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U		
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U		
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U		
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U		
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	U		
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U		
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	c	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U		
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U		
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U		
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U		
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U		
8260C	O-XYLENE	95-47-6	UG L	0.5	U		
8260C	STYRENE	100-42-5	UG L	0.5	U		
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	c	
8260C	TOLUENE	108-88-3	UG L	0.5	U		
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U		
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U		
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U		
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U		
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U		
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U		

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2475		
Lab ID				SJ2475-1		
Sample ID				VPB167-TB-041216		
Sample Date				4/12/2016		
Sample Type				Trip Blank		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	2.5	J	c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	1.2	J	c
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Method	Analyte	Sample Delivery Group					
		Lab ID	Sample ID	Sample Date	SJ2475	SJ2475-4	
					VPB167-GW-041216-518-520	4/12/2016	
				Sample Type	Groundwater		
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc	
8260C	2-BUTANONE	78-93-3	UG_L	1.9	J	mc	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	c,mc	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc	
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,c,mc	
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc	
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc	
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	c,mc	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	c,mc	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	c,mc	
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc	
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	c,mc	
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc	

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

				Sample Delivery Group	SJ2476		
				Lab ID	SJ2476-1		
				Sample ID	VPB167-GW-041116-498-500		
				Sample Date	4/11/2016		
				Matrix	Groundwater		
Method	Analyte	CAS No	Units		Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	UJ	mc	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	UJ	mc	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ	mc	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	UJ	mc	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	UJ	mc	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	UJ	mc	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	UJ	mc	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	UJ	mc	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	UJ	mc	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	UJ	mc	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	UJ	mc	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	UJ	mc	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	UJ	mc	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	UJ	mc	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	UJ	mc	
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c,mc	
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c,mc	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	mc	
8260C	ACETONE	67-64-1	UG L	6.1	J	c,mc	
8260C	BENZENE	71-43-2	UG L	0.5	UJ	mc	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	UJ	mc	
8260C	BROMOFORM	75-25-2	UG L	0.5	UJ	mc	
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	mc	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	UJ	mc	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	UJ	mc	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	UJ	mc	
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c,mc	
8260C	CHLOROFORM	67-66-3	UG L	0.5	UJ	mc	
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	mc	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	UJ	mc	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	UJ	mc	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	UJ	mc	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	UJ	mc	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c,mc	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	UJ	mc	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	mc	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	UJ	mc	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	UJ	mc	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	UJ	mc	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	UJ	mc	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	UJ	c,mc	
8260C	O-XYLENE	95-47-6	UG L	0.5	UJ	mc	
8260C	STYRENE	100-42-5	UG L	0.5	UJ	mc	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	c,mc	
8260C	TOLUENE	108-88-3	UG L	0.5	UJ	mc	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	UJ	mc	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	UJ	mc	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	UJ	mc	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	mc	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	mc	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	UJ	mc	

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group	Lab ID	SJ2476		
		Sample ID	SJ2476-2	VPB167-GW-041116-478-480		
		Sample Date	4/11/2016	Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	4.9	J	c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	UJ	c
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG L	0.36	J	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
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 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group	Lab ID	SJ2476		
		Sample ID	SJ2476-3			
		Sample Date	VPB167-TB-041116			
		Matrix	4/11/2016			Trip Blank
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	2.5	UJ	c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	1.2	J	c
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	c
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
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 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2604		
Lab ID				SJ2604-1		
Sample ID				VPB167-TB-041516		
Sample Date				4/15/2016		
Sample Type				Trip Blank		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	2.5	UJ	c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	U	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U	
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	c
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

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Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2604	
Lab ID				SJ2604-4	
Sample ID				VPB167-GW-041516-538-540	
Sample Date				4/15/2016	
Sample Type				Groundwater	
Method	Analyte	CAS No	Units	Result	Qual
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	UJ
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	UJ
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	UJ
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	UJ
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	UJ
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	UJ
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	UJ
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	UJ
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	UJ
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	UJ
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	UJ
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	UJ
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	UJ
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	UJ
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ
8260C	ACETONE	67-64-1	UG L	11	J
8260C	BENZENE	71-43-2	UG L	0.5	UJ
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	UJ
8260C	BROMOFORM	75-25-2	UG L	0.5	UJ
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	UJ
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	UJ
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	UJ
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ
8260C	CHLOROFORM	67-66-3	UG L	0.5	UJ
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	UJ
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	UJ
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	UJ
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	UJ
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	UJ
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	UJ
8260C	METHYL ACETATE	79-20-9	UG L	0.75	UJ
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	UJ
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	UJ
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	UJ
8260C	O-XYLENE	95-47-6	UG L	0.5	UJ
8260C	STYRENE	100-42-5	UG L	0.5	UJ
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ
8260C	TOLUENE	108-88-3	UG L	0.5	UJ
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	UJ
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	UJ
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	UJ
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	UJ

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Method	Analyte	Sample Delivery Group			SJ2604		
		Lab ID	Sample ID	Sample Date	SJ2604-5	4/18/2016	Groundwater
					VPB167-GW-041816-578-580		
Method	Analyte	CAS No	Units	Result	Qual	RC	
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	UJ	mc	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	UJ	mc	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ	mc	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	UJ	mc	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	UJ	mc	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	UJ	mc	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	UJ	mc	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	UJ	mc	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	UJ	mc	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	UJ	mc	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	UJ	mc	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	UJ	mc	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	UJ	mc	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	UJ	mc	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	UJ	mc	
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	mc	
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	mc	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	mc	
8260C	ACETONE	67-64-1	UG L	7.9	J	c,mc	
8260C	BENZENE	71-43-2	UG L	0.5	UJ	mc	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	UJ	mc	
8260C	BROMOFORM	75-25-2	UG L	0.5	UJ	mc	
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	mc	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	UJ	mc	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	UJ	mc	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	UJ	mc	
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	mc	
8260C	CHLOROFORM	67-66-3	UG L	0.5	UJ	mc	
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	mc	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	UJ	mc	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	UJ	mc	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	UJ	mc	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	UJ	mc	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c,mc	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	UJ	mc	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	mc	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	UJ	mc	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	UJ	mc	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	UJ	mc	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	UJ	mc	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	UJ	mc	
8260C	O-XYLENE	95-47-6	UG L	0.5	UJ	mc	
8260C	STYRENE	100-42-5	UG L	0.5	UJ	mc	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	mc	
8260C	TOLUENE	108-88-3	UG L	0.5	UJ	mc	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	UJ	mc	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	UJ	mc	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	UJ	mc	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	c,mc	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	mc	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	UJ	mc	

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2604		
Lab ID				SJ2604-6		
Sample ID				VPB167-GW-041816-598-600		
Sample Date				4/18/2016		
Sample Type				Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	mc
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG L	10	J	c,mc
8260C	BENZENE	71-43-2	UG L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c,mc
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	c,mc
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	UJ	mc

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2724		
Lab ID				SJ2724-1		
Sample ID				VPB167-GW-041916-618-620		
Sample Date				4/19/2016		
Sample Type				Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc,c
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc,c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc,c
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2724		
Lab ID				SJ2724-2DL		
Sample ID				VPG167-GW-041916-638-640		
Sample Date				4/19/2016		
Sample Type				Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	2.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	2.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	2.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	2.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	2.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	2.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	3.8	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	5	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	2.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	2.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	2.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	12	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	12	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	12	UJ	mc
8260C	ACETONE	67-64-1	UG_L	12	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG_L	2.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	2.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	2.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	5	UJ	mc,c
8260C	CARBON DISULFIDE	75-15-0	UG_L	2.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	2.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	2.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	5	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG_L	2.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	5	UJ	mc,c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	2.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	2.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	2.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	2.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	5	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	2.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	2.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	5	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	3.8	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	2.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	2.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	12	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	2.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	2.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	2.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	2.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	2.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	2.5	UJ	mc,c
8260C	TRICHLOROETHENE	79-01-6	UG_L	2.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	5	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	5	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	7.5	UJ	mc

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

				SJ2724		
				SJ2724-3		
				VPB167-TB-041916		
				4/19/2016		
				Trip Blank		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	7.7	J	I
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	U	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U	
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2724		
Lab ID				SJ2724-4		
Sample ID				VPB167-GW-042016-678-680		
Sample Date				4/20/2016		
Sample Type				Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG L	2.5	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	mc,c
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	mc,c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	UJ	mc,c
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	UJ	mc

Notes:

- UG_L = Micrograms per liter
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- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2724		
Lab ID				SJ2724-5		
Sample ID				VPB167-GW-042016-658-660		
Sample Date				4/20/2016		
Sample Type				Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG L	2.5	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	mc,c
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	mc,c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	UJ	mc,c
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	UJ	mc

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2725		
Lab ID				SJ2725-1		
Sample ID				VPB167-TB-041916-2		
Sample Date				4/19/2016		
Sample Type				Trip Blank		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	6.4	J	I,c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U	
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	UJ	c
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

				Sample Delivery Group	SJ2725		
				Lab ID	SJ2725-2		
				Sample ID	VPB167-FB-041916		
				Sample Date	4/19/2016		
				Sample Type	Field Blank		
Method	Analyte	CAS No	Units		Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U		
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U		
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U		
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U		
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U		
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U		
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U		
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U		
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U		
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U		
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U		
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U		
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U		
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U		
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U		
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c	
8260C	2-HEXANONE	591-78-6	UG L	2.5	U		
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U		
8260C	ACETONE	67-64-1	UG L	5.3	J	I,c	
8260C	BENZENE	71-43-2	UG L	0.5	U		
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U		
8260C	BROMOFORM	75-25-2	UG L	0.5	U		
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	c	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U		
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U		
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U		
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c	
8260C	CHLOROFORM	67-66-3	UG L	0.55	J		
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	c	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U		
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U		
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U		
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U		
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U		
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U		
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U		
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U		
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U		
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U		
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U		
8260C	O-XYLENE	95-47-6	UG L	0.5	U		
8260C	STYRENE	100-42-5	UG L	0.5	U		
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U		
8260C	TOLUENE	108-88-3	UG L	0.5	U		
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U		
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	UJ	c	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U		
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U		
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U		
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U		

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2725		
Lab ID				SJ2725-3		
Sample ID				VPB167-GW-042116-698-700		
Sample Date				4/21/2016		
Sample Type				Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG L	2.5	UJ	bt,bf,be,mc,c
8260C	BENZENE	71-43-2	UG L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	mc,c
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	mc,c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	UJ	mc,c
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	UJ	mc

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group	Lab ID	SJ2725		
		Sample ID	SJ2725-4	VPB167-EB-042116		
		Sample Date	4/21/2016			
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	4.4	J	I,c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	c
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	1.5	J	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U	
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	UJ	c
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2725		
Lab ID				SJ2725-5DL		
Sample ID				VPB167-GW-042116-718-720		
Sample Date				4/21/2016		
Sample Type				Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	2.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	2.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	2.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	2.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	2.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	2.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	2.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	3.8	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	2.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	2.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	2.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	5	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	2.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	2.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	2.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG L	12	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG L	12	UJ	mc
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	12	UJ	mc
8260C	ACETONE	67-64-1	UG L	12	UJ	bt,bf,be,mc,c
8260C	BENZENE	71-43-2	UG L	2.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	2.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG L	2.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG L	5	UJ	mc,c
8260C	CARBON DISULFIDE	75-15-0	UG L	2.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	2.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG L	2.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG L	5	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG L	2.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG L	5	UJ	mc,c
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	2.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	2.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG L	2.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	2.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	5	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG L	2.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG L	2.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	5	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG L	3.8	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	2.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	2.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG L	12	UJ	mc
8260C	O-XYLENE	95-47-6	UG L	2.5	UJ	mc
8260C	STYRENE	100-42-5	UG L	2.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG L	2.5	UJ	mc
8260C	TOLUENE	108-88-3	UG L	2.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	2.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	2.5	UJ	mc,c
8260C	TRICHLOROETHENE	79-01-6	UG L	2.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	5	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG L	5	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG L	7.5	UJ	mc

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2807
Lab ID				SJ2807-1
Sample ID				VPB167-TB-042216
Sample Date				4/22/2016
Sample Type				Trip Blank
Method	Analyte	CAS No	Units	Result
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5
8260C	2-BUTANONE	78-93-3	UG L	2.5
8260C	2-HEXANONE	591-78-6	UG L	2.5
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5
8260C	ACETONE	67-64-1	UG L	4.9
8260C	BENZENE	71-43-2	UG L	0.5
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5
8260C	BROMOFORM	75-25-2	UG L	0.5
8260C	BROMOMETHANE	74-83-9	UG L	1
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5
8260C	CHLOROBENZENE	108-90-7	UG L	0.5
8260C	CHLOROETHANE	75-00-3	UG L	1
8260C	CHLOROFORM	67-66-3	UG L	0.5
8260C	CHLOROMETHANE	74-87-3	UG L	1
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5
8260C	CYCLOHEXANE	110-82-7	UG L	0.5
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1
8260C	ETHYLBENZENE	100-41-4	UG L	0.5
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1
8260C	METHYL ACETATE	79-20-9	UG L	0.75
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5
8260C	O-XYLENE	95-47-6	UG L	0.5
8260C	STYRENE	100-42-5	UG L	0.5
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5
8260C	TOLUENE	108-88-3	UG L	0.5
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1
8260C	VINYL CHLORIDE	75-01-4	UG L	1
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

				Sample Delivery Group	SJ2807	
				Lab ID	SJ2807-2	
				Sample ID	VPB167-GW-042516-763-765	
				Sample Date	4/25/2016	
				Sample Type	Groundwater	
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG L	2.5	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	UJ	mc

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

				Sample Delivery Group	SJ2807	
				Lab ID	SJ2807-3	
				Sample ID	VPB167-GW-042216-738-740	
				Sample Date	4/22/2016	
				Sample Type	Groundwater	
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG L	20	J	mc,c
8260C	BENZENE	71-43-2	UG L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	UJ	mc

Notes:

- UG_L = Micrograms per liter
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 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2807 SJ2807-4DL VPB167-GW-042516-778-780 4/25/2016 Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	2.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	2.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	2.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	2.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	2.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	2.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	2.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	3.8	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	2.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	2.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	2.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	5	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	2.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	2.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	2.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG L	12	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG L	12	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	12	UJ	mc
8260C	ACETONE	67-64-1	UG L	12	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG L	2.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	2.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG L	2.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG L	5	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG L	2.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	2.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG L	2.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG L	5	UJ	mc
8260C	CHLOROFORM	67-66-3	UG L	2.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG L	5	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	2.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	2.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG L	2.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	2.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	5	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG L	2.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG L	2.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	5	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG L	3.8	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	2.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	2.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG L	12	UJ	mc
8260C	O-XYLENE	95-47-6	UG L	2.5	UJ	mc
8260C	STYRENE	100-42-5	UG L	2.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG L	2.5	UJ	mc
8260C	TOLUENE	108-88-3	UG L	2.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	2.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	2.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG L	2.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	5	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG L	5	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG L	7.5	UJ	mc

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group	Lab ID	SJ2871		
		Sample ID	SJ2871-1			
		Sample Date	VPB167-TB-042616			
		Sample Type	4/26/2016			Trip Blank
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	2.5	UJ	c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	U	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U	
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Method	Analyte	CAS No	Units	Sample Delivery Group		
				Lab ID	SJ2871	SJ2871-2
				Sample ID	VPB167-GW-042616-798-800	
				Sample Date	4/26/2016	
				Sample Type	Groundwater	
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG L	11	J	mc,c
8260C	BENZENE	71-43-2	UG L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG L	0.5	UJ	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	UJ	mc

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

				Sample Delivery Group	SJ2871	
				Lab ID	SJ2871-3	
				Sample ID	VPB167-GW-042716-838-840	
				Sample Date	4/27/2016	
				Sample Type	Groundwater	
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc
8260C	ACETONE	67-64-1	UG_L	12	J	mc,c
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	0.8	J	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2871		
Lab ID				SJ2871-4DL		
Sample ID				VPB167-GW-042716-818-820		
Sample Date				4/27/2016		
Sample Type				Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	2.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	2.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	2.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	2.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	2.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	2.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	2.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	3.8	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	2.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	2.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	2.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	5	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	2.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	2.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	2.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG L	12	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG L	12	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	12	UJ	mc
8260C	ACETONE	67-64-1	UG L	16	J	mc,c
8260C	BENZENE	71-43-2	UG L	2.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	2.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG L	2.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG L	5	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG L	2.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	2.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG L	2.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG L	5	UJ	mc
8260C	CHLOROFORM	67-66-3	UG L	2.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG L	5	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	2.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	2.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG L	2.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	2.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	5	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG L	2.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG L	2.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	5	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG L	3.8	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	2.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	2.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG L	12	UJ	mc
8260C	O-XYLENE	95-47-6	UG L	2.5	UJ	mc
8260C	STYRENE	100-42-5	UG L	2.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG L	2.5	UJ	mc
8260C	TOLUENE	108-88-3	UG L	9.2	J	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	2.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	2.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG L	2.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	5	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG L	5	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG L	7.5	UJ	mc

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Method	Analyte	Sample Delivery Group					
		Lab ID	Sample ID	Sample Date	SJ2999	SJ2999-1	
					VPB167-GW-042916-898-900	4/29/2016	
				Sample Type	Groundwater		
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	0.5	UJ	mc	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	0.5	UJ	mc	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	0.5	UJ	mc	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	0.5	UJ	mc	
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	0.5	UJ	mc	
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	0.5	UJ	mc	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	0.5	UJ	mc	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	0.75	UJ	mc	
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	0.5	UJ	mc	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	0.5	UJ	mc	
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	0.5	UJ	mc	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	1	UJ	mc	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	0.5	UJ	mc	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	0.5	UJ	mc	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	0.5	UJ	mc	
8260C	2-BUTANONE	78-93-3	UG_L	2.5	UJ	mc,c	
8260C	2-HEXANONE	591-78-6	UG_L	2.5	UJ	mc,c	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	2.5	UJ	mc,c	
8260C	ACETONE	67-64-1	UG_L	2.5	UJ	bt,mc,c	
8260C	BENZENE	71-43-2	UG_L	0.5	UJ	mc	
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	0.5	UJ	mc	
8260C	BROMOFORM	75-25-2	UG_L	0.5	UJ	mc	
8260C	BROMOMETHANE	74-83-9	UG_L	1	UJ	mc	
8260C	CARBON DISULFIDE	75-15-0	UG_L	0.5	UJ	mc	
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	0.5	UJ	mc,c	
8260C	CHLOROBENZENE	108-90-7	UG_L	0.5	UJ	mc	
8260C	CHLOROETHANE	75-00-3	UG_L	1	UJ	mc	
8260C	CHLOROFORM	67-66-3	UG_L	0.5	UJ	mc	
8260C	CHLOROMETHANE	74-87-3	UG_L	1	UJ	mc	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	0.5	UJ	mc	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	0.5	UJ	mc	
8260C	CYCLOHEXANE	110-82-7	UG_L	0.5	UJ	mc	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	0.5	UJ	mc	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	1	UJ	mc,c	
8260C	ETHYLBENZENE	100-41-4	UG_L	0.5	UJ	mc	
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	0.5	UJ	mc	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	1	UJ	mc	
8260C	METHYL ACETATE	79-20-9	UG_L	0.75	UJ	mc	
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	0.5	UJ	mc	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	0.5	UJ	mc	
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	2.5	UJ	mc	
8260C	O-XYLENE	95-47-6	UG_L	0.5	UJ	mc	
8260C	STYRENE	100-42-5	UG_L	0.5	UJ	mc	
8260C	TETRACHLOROETHENE	127-18-4	UG_L	0.5	UJ	mc	
8260C	TOLUENE	108-88-3	UG_L	56	J	mc	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	0.5	UJ	mc	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	0.5	UJ	mc	
8260C	TRICHLOROETHENE	79-01-6	UG_L	0.5	UJ	mc	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	1	UJ	mc	
8260C	VINYL CHLORIDE	75-01-4	UG_L	1	UJ	mc	
8260C	XYLENES, TOTAL	1330-20-7	UG_L	1.5	UJ	mc	

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

				Sample Delivery Group	SJ2999 SJ2999-2 VPB167-GW-050216-918-920 5/2/2016 Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC	
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U		
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U		
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U		
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U		
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U		
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U		
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U		
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U		
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U		
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U		
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U		
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U		
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U		
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U		
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U		
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c	
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	c	
8260C	ACETONE	67-64-1	UG L	2.5	UJ	bt,c	
8260C	BENZENE	71-43-2	UG L	0.5	U		
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.72	J		
8260C	BROMOFORM	75-25-2	UG L	0.5	U		
8260C	BROMOMETHANE	74-83-9	UG L	1	U		
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U		
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	UJ	c	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U		
8260C	CHLOROETHANE	75-00-3	UG L	1	U		
8260C	CHLOROFORM	67-66-3	UG L	0.48	J		
8260C	CHLOROMETHANE	74-87-3	UG L	1	U		
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U		
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U		
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U		
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.96	J		
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U		
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U		
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U		
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U		
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U		
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U		
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U		
8260C	O-XYLENE	95-47-6	UG L	0.5	U		
8260C	STYRENE	100-42-5	UG L	0.5	U		
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U		
8260C	TOLUENE	108-88-3	UG L	0.8	J		
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U		
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U		
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U		
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U		
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U		
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U		

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ2999	
Lab ID				SJ2999-3	
Sample ID				VPB167-TB-042916	
Sample Date				4/29/2016	
Sample Type				Trip Blank	
Method	Analyte	CAS No	Units	Result	Qual
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ
8260C	ACETONE	67-64-1	UG L	6.3	J
8260C	BENZENE	71-43-2	UG L	0.5	U
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U
8260C	BROMOFORM	75-25-2	UG L	0.5	U
8260C	BROMOMETHANE	74-83-9	UG L	1	U
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	UJ
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U
8260C	CHLOROETHANE	75-00-3	UG L	1	U
8260C	CHLOROFORM	67-66-3	UG L	0.5	U
8260C	CHLOROMETHANE	74-87-3	UG L	1	U
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U
8260C	O-XYLENE	95-47-6	UG L	0.5	U
8260C	STYRENE	100-42-5	UG L	0.5	U
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U
8260C	TOLUENE	108-88-3	UG L	0.5	U
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

		Sample Delivery Group	Lab ID	SJ3057		
		Sample ID	Sample Date	SJ3057-1		
		Sample Type	VPB167-TB-050316			
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	c
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	c
8260C	ACETONE	67-64-1	UG L	8.9	J	c
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	UJ	c
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	c
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U	
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
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- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ3057		
Lab ID				SJ3057-2		
Sample ID				VPB167-GW-050316-943-945		
Sample Date				5/3/2016		
Sample Type				Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG L	2.5	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG L	2.5	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	UJ	mc,c
8260C	ACETONE	67-64-1	UG L	2.5	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG L	0.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG L	0.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG L	1	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG L	1	J	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	UJ	mc,c
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG L	1	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG L	0.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG L	1	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG L	0.75	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	UJ	mc
8260C	O-XYLENE	95-47-6	UG L	0.5	UJ	mc
8260C	STYRENE	100-42-5	UG L	0.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	UJ	mc
8260C	TOLUENE	108-88-3	UG L	48	J	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG L	1	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	UJ	mc

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ3057		
Lab ID				SJ3057-3DL		
Sample ID				VPB167-GW-050416-958-960		
Sample Date				5/4/2016		
Sample Type				Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	2.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	2.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	2.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	2.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	2.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	2.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	3.8	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	2.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	5	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	2.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	2.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	2.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	12	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	12	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	12	UJ	mc,c
8260C	ACETONE	67-64-1	UG_L	12	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG_L	2.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	2.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	2.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	5	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	2.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	2.5	UJ	mc,c
8260C	CHLOROBENZENE	108-90-7	UG_L	2.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	5	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG_L	2.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	5	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	2.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	2.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	2.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	2.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	5	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	2.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	2.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	5	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	3.8	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	2.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	2.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	12	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	2.5	UJ	mc
8260C	STYRENE	100-42-5	UG_L	2.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	2.5	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	61	J	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	2.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	2.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	2.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	5	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	5	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	7.5	UJ	mc

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ3057		
Lab ID				SJ3057-4DL		
Sample ID				VPB167-GW-050416-963-965		
Sample Date				5/4/2016		
Sample Type				Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG_L	2	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG_L	2	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG_L	2	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG_L	2	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG_L	2	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG_L	2	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG_L	2	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG_L	3	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG_L	2	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG_L	2	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG_L	2	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG_L	4	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG_L	2	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG_L	2	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG_L	2	UJ	mc
8260C	2-BUTANONE	78-93-3	UG_L	10	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG_L	10	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG_L	10	UJ	mc,c
8260C	ACETONE	67-64-1	UG_L	10	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG_L	2	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG_L	2	UJ	mc
8260C	BROMOFORM	75-25-2	UG_L	2	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG_L	4	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG_L	2	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG_L	2	UJ	mc,c
8260C	CHLOROBENZENE	108-90-7	UG_L	2	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG_L	4	UJ	mc,c
8260C	CHLOROFORM	67-66-3	UG_L	2	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG_L	4	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG_L	2	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG_L	2	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG_L	2	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG_L	2	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG_L	4	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG_L	2	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG_L	2	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG_L	4	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG_L	3	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG_L	2	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG_L	2	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG_L	10	UJ	mc
8260C	O-XYLENE	95-47-6	UG_L	2	UJ	mc
8260C	STYRENE	100-42-5	UG_L	2	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG_L	2	UJ	mc
8260C	TOLUENE	108-88-3	UG_L	69	J	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG_L	2	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG_L	2	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG_L	2	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG_L	4	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG_L	4	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG_L	6	UJ	mc

Notes:

- UG_L = Micrograms per liter
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ3103		
Lab ID				SJ3103-1		
Sample ID				VPB167-TB-050516		
Sample Date				5/5/2016		
Sample Type				Trip Blank		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	0.5	U	
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	0.5	U	
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	0.5	U	
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	0.5	U	
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	0.5	U	
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	0.5	U	
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	0.5	U	
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	0.75	U	
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	0.5	U	
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	0.5	U	
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	0.5	U	
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	1	U	
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	0.5	U	
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	0.5	U	
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	0.5	U	
8260C	2-BUTANONE	78-93-3	UG L	2.5	U	
8260C	2-HEXANONE	591-78-6	UG L	2.5	U	
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	2.5	U	
8260C	ACETONE	67-64-1	UG L	8.4		
8260C	BENZENE	71-43-2	UG L	0.5	U	
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	0.5	U	
8260C	BROMOFORM	75-25-2	UG L	0.5	U	
8260C	BROMOMETHANE	74-83-9	UG L	1	U	
8260C	CARBON DISULFIDE	75-15-0	UG L	0.5	U	
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	0.5	U	
8260C	CHLOROBENZENE	108-90-7	UG L	0.5	U	
8260C	CHLOROETHANE	75-00-3	UG L	1	U	
8260C	CHLOROFORM	67-66-3	UG L	0.5	U	
8260C	CHLOROMETHANE	74-87-3	UG L	1	U	
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	0.5	U	
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	0.5	U	
8260C	CYCLOHEXANE	110-82-7	UG L	0.5	U	
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	0.5	U	
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	1	U	
8260C	ETHYLBENZENE	100-41-4	UG L	0.5	U	
8260C	ISOPROPYLBENZENE	98-82-8	UG L	0.5	U	
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	1	U	
8260C	METHYL ACETATE	79-20-9	UG L	0.75	U	
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	0.5	U	
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	0.5	U	
8260C	METHYLENE CHLORIDE	75-09-2	UG L	2.5	U	
8260C	O-XYLENE	95-47-6	UG L	0.5	U	
8260C	STYRENE	100-42-5	UG L	0.5	U	
8260C	TETRACHLOROETHENE	127-18-4	UG L	0.5	U	
8260C	TOLUENE	108-88-3	UG L	0.5	U	
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	0.5	U	
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	0.5	U	
8260C	TRICHLOROETHENE	79-01-6	UG L	0.5	U	
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	1	U	
8260C	VINYL CHLORIDE	75-01-4	UG L	1	U	
8260C	XYLENES, TOTAL	1330-20-7	UG L	1.5	U	

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Sample Delivery Group				SJ3103 SJ3103-2DL VPB167-GW-050516-978-980 5/5/2016 Groundwater		
Method	Analyte	CAS No	Units	Result	Qual	RC
8260C	1,1,1-TRICHLOROETHANE	71-55-6	UG L	2.5	UJ	mc
8260C	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG L	2.5	UJ	mc
8260C	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG L	2.5	UJ	mc
8260C	1,1,2-TRICHLOROETHANE	79-00-5	UG L	2.5	UJ	mc
8260C	1,1-DICHLOROETHANE	75-34-3	UG L	2.5	UJ	mc
8260C	1,1-DICHLOROETHENE	75-35-4	UG L	2.5	UJ	mc
8260C	1,2,4-TRICHLOROBENZENE	120-82-1	UG L	2.5	UJ	mc
8260C	1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	UG L	3.8	UJ	mc
8260C	1,2-DIBROMOETHANE	106-93-4	UG L	2.5	UJ	mc
8260C	1,2-DICHLOROBENZENE	95-50-1	UG L	2.5	UJ	mc
8260C	1,2-DICHLOROETHANE	107-06-2	UG L	2.5	UJ	mc
8260C	1,2-DICHLOROETHENE, TOTAL	540-59-0	UG L	5	UJ	mc
8260C	1,2-DICHLOROPROPANE	78-87-5	UG L	2.5	UJ	mc
8260C	1,3-DICHLOROBENZENE	541-73-1	UG L	2.5	UJ	mc
8260C	1,4-DICHLOROBENZENE	106-46-7	UG L	2.5	UJ	mc
8260C	2-BUTANONE	78-93-3	UG L	12	UJ	mc,c
8260C	2-HEXANONE	591-78-6	UG L	12	UJ	mc,c
8260C	4-METHYL-2-PENTANONE	108-10-1	UG L	12	UJ	mc
8260C	ACETONE	67-64-1	UG L	12	UJ	bt,mc,c
8260C	BENZENE	71-43-2	UG L	2.5	UJ	mc
8260C	BROMODICHLOROMETHANE	75-27-4	UG L	2.5	UJ	mc
8260C	BROMOFORM	75-25-2	UG L	2.5	UJ	mc
8260C	BROMOMETHANE	74-83-9	UG L	5	UJ	mc
8260C	CARBON DISULFIDE	75-15-0	UG L	2.5	UJ	mc
8260C	CARBON TETRACHLORIDE	56-23-5	UG L	2.5	UJ	mc
8260C	CHLOROBENZENE	108-90-7	UG L	2.5	UJ	mc
8260C	CHLOROETHANE	75-00-3	UG L	5	UJ	mc
8260C	CHLOROFORM	67-66-3	UG L	2.5	UJ	mc
8260C	CHLOROMETHANE	74-87-3	UG L	5	UJ	mc
8260C	CIS-1,2-DICHLOROETHENE	156-59-2	UG L	2.5	UJ	mc
8260C	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG L	2.5	UJ	mc
8260C	CYCLOHEXANE	110-82-7	UG L	2.5	UJ	mc
8260C	DIBROMOCHLOROMETHANE	124-48-1	UG L	2.5	UJ	mc
8260C	DICHLORODIFLUOROMETHANE	75-71-8	UG L	5	UJ	mc,c
8260C	ETHYLBENZENE	100-41-4	UG L	2.5	UJ	mc
8260C	ISOPROPYLBENZENE	98-82-8	UG L	2.5	UJ	mc
8260C	M- AND P-XYLENE	108-38-3/106-42	UG L	5	UJ	mc
8260C	METHYL ACETATE	79-20-9	UG L	3.8	UJ	mc
8260C	METHYL CYCLOHEXANE	108-87-2	UG L	2.5	UJ	mc
8260C	METHYL TERT-BUTYL ETHER	1634-04-4	UG L	2.5	UJ	mc
8260C	METHYLENE CHLORIDE	75-09-2	UG L	12	UJ	mc
8260C	O-XYLENE	95-47-6	UG L	2.5	UJ	mc
8260C	STYRENE	100-42-5	UG L	2.5	UJ	mc
8260C	TETRACHLOROETHENE	127-18-4	UG L	2.5	UJ	mc
8260C	TOLUENE	108-88-3	UG L	5.8	J	mc
8260C	TRANS-1,2-DICHLOROETHENE	156-60-5	UG L	2.5	UJ	mc
8260C	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG L	2.5	UJ	mc
8260C	TRICHLOROETHENE	79-01-6	UG L	2.5	UJ	mc
8260C	TRICHLOROFLUOROMETHANE	75-69-4	UG L	5	UJ	mc
8260C	VINYL CHLORIDE	75-01-4	UG L	5	UJ	mc
8260C	XYLENES, TOTAL	1330-20-7	UG L	7.5	UJ	mc

Notes:

- UG_L = Micrograms per liter
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU2 Regional Groundwater Investigation

Sample Delivery Group					SJ2604			SJ2604		
					SJ2604-2			SJ2604-3		
					VPB167-SO-041516-563-565			VPB167-EB-041516		
					4/15/2016			4/15/2016		
Sample Type					Soil			Equipment Blank		
Method	Analyte	CAS No	Units		Result	Qual	RC	Result	Qual	RC
2540G	TOTAL SOLIDS	-29	PCT		80			NA		
5310B	TOTAL ORGANIC CARBON	-28	MG_L		NA			0.5	U	bl
9060A	TOTAL ORGANIC CARBON	-28	UG_G		1300			NA		

Notes:

Qual	=	Final interpreted qualifier
RC	=	Validator reason code (See definition below)
PCT	=	Percent
MG_L	=	Milligrams per liter
UG_G	=	Micrograms per gram
U	=	Associated sample qualified as non-detect "U".

Reason Code

bl	=	Flagged estimated due to lab blank contamination.
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DATA VALIDATION REPORT

Project:	Regional Groundwater Investigation — NWIRP Bethpage	
Laboratory:	Katahdin Analytical	
Sample Delivery Group:	SJ2872	
Analyses/Method:	Volatile Organic Compounds (VOCs) by U.S. EPA Method TO-15	
Validation Level:	3	
Project Number:	0888812477.SA.DV	
Prepared by:	Dana Miller/Resolution Consultants	Completed on: 05/17/2016
Reviewed by:	Tina Cantwell/Resolution Consultants	File Name: SJ2872_TO15

SUMMARY

This report summarizes data review findings for samples listed below, collected by Resolution Consultants from the Regional Groundwater Investigation — NWIRP Bethpage site on 27 April 2016 in accordance with the following Sampling and Analysis Plans:

- *Sampling and Analysis Plan, Bethpage, New York.* (Resolution Consultants April 2013).
- *UFP SAP Addendum, Installation of Vertical Profile Borings and Monitoring Wells, Operable Unit 2, NWIRP Bethpage, New York.* (Resolution Consultants November 2013).
- *UFP SAP Addendum, Inclusion of Additional Target Analytes for Volatile Organics Analyses, NWIRP Bethpage OU2, Bethpage, New York.* (Resolution Consultants August 2014).

Sample ID	Matrix/Sample Type	Analysis
VPB167-AIR-042716	Air	TO-15
VPB167-FIELDDUP-AIR-042716	Air	TO-15

Data validation activities were conducted using the following guidance documents: *Determination of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters and Analyzed By Gas Chromatography/Mass Spectrometry (GC/MS)* (U.S. EPA, Method TO-15), *U.S. Environmental Protection Agency (U.S. EPA) Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review*(NFG, June 2008), and *Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories*, Version 4.2 (October 2010). In the absence of method-specific information, laboratory quality control (QC) limits, project-specific requirements and/or professional judgment were used as appropriate.

REVIEW ELEMENTS

The data were evaluated based on the following parameters (where applicable to the method):

- ✓ Data completeness (chain-of-custody (COC)/sample integrity)
- ✓ Holding times and sample preservation
- ✓ GC/MS performance checks
- ✓ Initial calibration/continuing calibration verification
- ✗ Laboratory blanks/trip blanks
- NA Matrix duplicate (MD) results
- ✓ Laboratory control sample (LCS) results
- NA Field duplicates
- ✓ Internal standards
- ✓ Sample results/reporting issues

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. NA indicates that the parameter was not included as part of this data set or was not applicable to this validation and therefore not reviewed. Acceptable data parameters for which all criteria were met and no qualification was performed and non-conformance or other issues that were noted during validation, but did not result in qualification of data are not discussed further. The symbol (✗) indicates that a QC non-conformance resulted in the qualification of data. Any QC non-conformance that resulted in the qualification of data is discussed below.

Laboratory Blanks/Equipment Blanks/ Field Blanks/Trip Blanks

Laboratory blanks, equipment blanks, field blanks, and trip blanks were analyzed with samples to assess contamination imparted by sample preparation and/or analysis. All results associated with a particular blank were evaluated to determine whether there was an inherent variability in the data, or if a problem was an isolated occurrence that did not affect the data. Samples were flagged in accordance with *Functional Guidelines* (shown below) where detections were not believed to be site-related.

Blank Non-conformance Charts:

Blank type	Blank result	Sample result	Action for samples
Method, Storage, Trip, Field, or Equipment	Detects	Not detected	No qualification
	< 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ	Use professional judgment
	> 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ and < blank contamination	Report the blank result with a U or reject the sample result as unusable R
		≥ 2x LOQ and ≥ blank contamination	If the result is ≤ 2x blank result, report the sample result U. If the result is > 2x blank result, no qualification is required.
	= 2x LOQ	< 2x LOQ	Report sample LOQ value with a U
		≥ 2x LOQ	Use professional judgment
	Gross contamination	Detects	Qualify results as unusable R

Notes:

LOQ = Limit of quantitation
 LOD = Limit of detection
 U = Undetected
 R = Rejected

Qualifications Actions

The data was reviewed independently from the laboratory to assess data quality and no results were qualified during this data review. Analytical completeness was calculated to be 100% and the data are usable for their intended purpose, according to U.S. EPA guidelines and Department of Defense guidelines. Attachment A provides final results after data review.

ATTACHMENTS

Attachment A: Qualifier Codes and Explanations

Attachment B: Reason Codes and Explanations

Attachment C: Final Results after Data Review

Attachment A
Final Qualifier Codes and Explanations

Qualifier	Explanation
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual quantitation limit necessary to accurately and precisely measure the analyte in the sample.
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

Attachment B
Reason Codes and Explanations

Reason Code	Explanation
be	Equipment blank contamination
bf	Field blank contamination
bl	Laboratory blank contamination
bm	Missing Blank Information
bt	Trip blank contamination
c	Calibration issue
cr	Chromatographic resolution
d	Reporting limit raised due to chromatographic interference
dt	Dissolved result > total over limit
e	Ether interference
ej	Above calibration range; result estimated.
f	Presumed contamination from FB or ER.
fd	Field duplicate RPDs
h	Holding times
hs	Headspace greater than 6mm in all sample vials
i	Internal standard areas
ii	Injection internal standard area or retention time exceedance
it	Instrument Tune
k	Estimated Maximum Possible Concentrations (EMPC)
l	LCS recoveries
lc	Labeled compound recovery
ld	Laboratory duplicate RPDs (matrix duplicate, MSD, LCSD)
lp	Laboratory control sample/laboratory control sample duplicate RPDs
m	Matrix spike recovery
mc	Deviation from the method
md	MS/MSD precision
nb	Negative laboratory blank contamination
p	Chemical preservation issue
p-h	Uncertainty near detection limit (< Reporting Limit), historical reason code applied.
pe	Post Extraction Spike
q	Quantitation issue
r	Dual column RPD
rt	SIM ions not within + 2 seconds
s	Surrogate recovery
sp	Sample preparation issue
su	Evidence of ion suppression
t	Temperature Preservation Issue
x	Low % solids
y	Serial dilution results
z	ICS results

Attachment C
Final Results after Data Review

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

Method	Analyte	CAS No	Units	Sample Delivery Group		
				Lab ID	SJ2872	
				Sample ID	SJ2872-1	
				Sample Date	VPB167-FIELDDUP-AIR-042716	
				Sample Type	4/27/2016	
				Field Duplicate		
TO-15	1,1,1-TRICHLOROETHANE	71-55-6	UG M3	0.27	U	
TO-15	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG M3	0.34	U	
TO-15	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG M3	0.56	J	
TO-15	1,1,2-TRICHLOROETHANE	79-00-5	UG M3	0.27	U	
TO-15	1,1-DICHLOROETHANE	75-34-3	UG M3	0.2	U	
TO-15	1,1-DICHLOROETHENE	75-35-4	UG M3	0.2	U	
TO-15	1,2,4-TRICHLOROBENZENE	120-82-1	UG M3	0.37	U	
TO-15	1,2-DIBROMOETHANE	106-93-4	UG M3	0.38	U	
TO-15	1,2-DICHLOROBENZENE	95-50-1	UG M3	0.28	J	
TO-15	1,2-DICHLOROETHANE	107-06-2	UG M3	0.12	J	
TO-15	1,2-DICHLOROPROPANE	78-87-5	UG M3	0.23	U	
TO-15	1,3-DICHLOROBENZENE	541-73-1	UG M3	0.3	U	
TO-15	1,4-DICHLOROBENZENE	106-46-7	UG M3	0.3	U	
TO-15	2-BUTANONE	78-93-3	UG M3	0.38	J	
TO-15	2-HEXANONE	591-78-6	UG M3	0.2	U	
TO-15	4-METHYL-2-PENTANONE	108-10-1	UG M3	0.2	U	
TO-15	ACETONE	67-64-1	UG M3	4.7		
TO-15	BENZENE	71-43-2	UG M3	0.3	J	
TO-15	BROMODICHLOROMETHANE	75-27-4	UG M3	0.33	U	
TO-15	BROMOFORM	75-25-2	UG M3	0.52	U	
TO-15	BROMOMETHANE	74-83-9	UG M3	0.19	U	
TO-15	CARBON DISULFIDE	75-15-0	UG M3	0.16	U	
TO-15	CARBON TETRACHLORIDE	56-23-5	UG M3	0.45	J	
TO-15	CHLOROBENZENE	108-90-7	UG M3	0.23	U	
TO-15	CHLOROETHANE	75-00-3	UG M3	0.13	U	
TO-15	CHLOROFORM	67-66-3	UG M3	0.12	J	
TO-15	CHLOROMETHANE	74-87-3	UG M3	1.2		
TO-15	CIS-1,2-DICHLOROETHENE	156-59-2	UG M3	0.2	U	
TO-15	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG M3	0.23	U	
TO-15	CYCLOHEXANE	110-82-7	UG M3	0.17	U	
TO-15	DIBROMOCHLOROMETHANE	124-48-1	UG M3	0.42	U	
TO-15	DICHLORODIFLUOROMETHANE	75-71-8	UG M3	2.4		
TO-15	ETHYLBENZENE	100-41-4	UG M3	0.22	U	
TO-15	ISOPROPYLBENZENE	98-82-8	UG M3	0.24	U	
TO-15	M- AND P-XYLENE	108-38-3/106-42	UG M3	0.24	J	
TO-15	METHYL TERT-BUTYL ETHER	1634-04-4	UG M3	0.18	U	
TO-15	METHYLENE CHLORIDE	75-09-2	UG M3	1.2		
TO-15	O-XYLENE	95-47-6	UG M3	0.22	U	
TO-15	STYRENE	100-42-5	UG M3	0.21	U	
TO-15	TETRACHLOROETHENE	127-18-4	UG M3	0.34	U	
TO-15	TOLUENE	108-88-3	UG M3	0.19	U	bl
TO-15	TRANS-1,2-DICHLOROETHENE	156-60-5	UG M3	0.2	U	
TO-15	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG M3	0.23	U	
TO-15	TRICHLOROETHENE	79-01-6	UG M3	0.27	U	
TO-15	TRICHLOROFLUOROMETHANE	75-69-4	UG M3	1.3		
TO-15	VINYL CHLORIDE	75-01-4	UG M3	0.13	U	
TO-15	XYLENES, TOTAL	1330-20-7	UG M3	0.36	J	

Notes:

- UG_M3 = Micrograms per cubic meter of air
- Qual = Final qualifiers (See Attachment A)
- RC = Reason codes (See Attachment B)

Final Results after Data Review
NWIRP Bethpage OU 2 Regional Groundwater Investigation

				Sample Delivery Group	SJ2872		
				Lab ID	SJ2872-2		
				Sample ID	VPB167-AIR-042716		
				Sample Date	4/27/2016		
				Sample Type	Air		
Method	Analyte	CAS No	Units		Result	Qual	RC
TO-15	1,1,1-TRICHLOROETHANE	71-55-6	UG M3	0.27	U		
TO-15	1,1,2,2-TETRACHLOROETHANE	79-34-5	UG M3	0.34	U		
TO-15	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	UG M3	0.56	J		
TO-15	1,1,2-TRICHLOROETHANE	79-00-5	UG M3	0.27	U		
TO-15	1,1-DICHLOROETHANE	75-34-3	UG M3	0.2	U		
TO-15	1,1-DICHLOROETHENE	75-35-4	UG M3	0.2	U		
TO-15	1,2,4-TRICHLOROBENZENE	120-82-1	UG M3	0.37	U		
TO-15	1,2-DIBROMOETHANE	106-93-4	UG M3	0.38	U		
TO-15	1,2-DICHLOROBENZENE	95-50-1	UG M3	0.3	U		
TO-15	1,2-DICHLOROETHANE	107-06-2	UG M3	0.2	U		
TO-15	1,2-DICHLOROPROPANE	78-87-5	UG M3	0.23	U		
TO-15	1,3-DICHLOROBENZENE	541-73-1	UG M3	0.3	U		
TO-15	1,4-DICHLOROBENZENE	106-46-7	UG M3	0.3	U		
TO-15	2-BUTANONE	78-93-3	UG M3	0.41	J		
TO-15	2-HEXANONE	591-78-6	UG M3	0.2	U		
TO-15	4-METHYL-2-PENTANONE	108-10-1	UG M3	0.2	U		
TO-15	ACETONE	67-64-1	UG M3	4.7			
TO-15	BENZENE	71-43-2	UG M3	0.31	J		
TO-15	BROMODICHLOROMETHANE	75-27-4	UG M3	0.33	U		
TO-15	BROMOFORM	75-25-2	UG M3	0.52	U		
TO-15	BROMOMETHANE	74-83-9	UG M3	0.19	U		
TO-15	CARBON DISULFIDE	75-15-0	UG M3	0.16	U		
TO-15	CARBON TETRACHLORIDE	56-23-5	UG M3	0.45	J		
TO-15	CHLOROBENZENE	108-90-7	UG M3	0.23	U		
TO-15	CHLOROETHANE	75-00-3	UG M3	0.13	U		
TO-15	CHLOROFORM	67-66-3	UG M3	0.093	J		
TO-15	CHLOROMETHANE	74-87-3	UG M3	1.2			
TO-15	CIS-1,2-DICHLOROETHENE	156-59-2	UG M3	0.2	U		
TO-15	CIS-1,3-DICHLOROPROPENE	10061-01-5	UG M3	0.23	U		
TO-15	CYCLOHEXANE	110-82-7	UG M3	0.17	U		
TO-15	DIBROMOCHLOROMETHANE	124-48-1	UG M3	0.42	U		
TO-15	DICHLORODIFLUOROMETHANE	75-71-8	UG M3	2.5			
TO-15	ETHYLBENZENE	100-41-4	UG M3	0.061	J		
TO-15	ISOPROPYLBENZENE	98-82-8	UG M3	0.24	U		
TO-15	M- AND P-XYLENE	108-38-3/106-42	UG M3	0.44	J		
TO-15	METHYL TERT-BUTYL ETHER	1634-04-4	UG M3	0.18	U		
TO-15	METHYLENE CHLORIDE	75-09-2	UG M3	0.8	J		
TO-15	O-XYLENE	95-47-6	UG M3	0.22	U		
TO-15	STYRENE	100-42-5	UG M3	0.21	U		
TO-15	TETRACHLOROETHENE	127-18-4	UG M3	0.34	U		
TO-15	TOLUENE	108-88-3	UG M3	0.19	U	bl	
TO-15	TRANS-1,2-DICHLOROETHENE	156-60-5	UG M3	0.2	U		
TO-15	TRANS-1,3-DICHLOROPROPENE	10061-02-6	UG M3	0.23	U		
TO-15	TRICHLOROETHENE	79-01-6	UG M3	0.27	U		
TO-15	TRICHLOROFLUOROMETHANE	75-69-4	UG M3	1.3			
TO-15	VINYL CHLORIDE	75-01-4	UG M3	0.13	U		
TO-15	XYLENES, TOTAL	1330-20-7	UG M3	0.66	J		

Notes:

- UG_M3 = Micrograms per cubic meter of air
 Qual = Final qualifiers (See Attachment A)
 RC = Reason codes (See Attachment B)

Section 5
VPB167 Analytical Data Table

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		3/23/2016	3/25/2016	3/29/2016	3/29/2016
Sample ID		VPB167-GW-032316-58-60	VPB167-GW-032516-98-100	VPB167-GW-032916-148-150	VPB167-GW-D-032916
Sample Interval (ft bgs)		58-60	98-100	148-150	148-150
Sample type code			N	N	FD
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,1,2,2-TETRACHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,1,2-TRICHLOROETHANE	1	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,1-DICHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,1-DICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2,4-TRICHLOROBENZENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2-DIBROMO-3-CHLOROPROPANE	0.04	<0.75 U	<0.75 U	<0.75 U	<0.75 U
1,2-DIBromoETHANE	NL	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2-DICHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2-DICHLOROETHENE, TOTAL	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,2-DICHLOROPROPANE	1	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,3-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,4-DICHLOROBENZENE	3	<0.50 UJ	<0.50 U	<0.50 U	<0.50 U
2-BUTANONE	50	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-HEXANONE	50	<2.5 U	<2.5 U	<2.5 U	<2.5 U
4-METHYL-2-PENTANONE	NL	<2.5 U	<2.5 U	<2.5 U	<2.5 U
ACETONE	50	<2.5 UJ	6.9 J	<2.5 UJ	<2.5 UJ
BENZENE	1	<0.50 U	<0.50 U	<0.50 U	<0.50 U
BROMODICHLOROMETHANE	50	<0.50 U	<0.50 U	<0.50 U	<0.50 U
BROMOFORM	50	<0.50 U	<0.50 U	<0.50 U	<0.50 U
BROMOMETHANE	5	<1.0 UJ	<1.0 U	<1.0 U	<1.0 U
CARBON DISULFIDE	60	<0.50 UJ	<0.50 U	<0.50 U	<0.50 U
CARBON TETRACHLORIDE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
CHLOROBENZENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
CHLOROETHANE	5	<1.0 UJ	<1.0 U	<1.0 U	<1.0 U
CHLOROFORM	7	0.47 J	<0.50 U	<0.50 U	<0.50 U
CHLOROMETHANE	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
CIS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
CIS-1,3-DICHLOROPROPENE	0.4	<0.50 U	<0.50 U	<0.50 U	<0.50 U
CYCLOHEXANE	NL	<0.50 U	<0.50 U	<0.50 U	<0.50 U
DIBROMOCHLOROMETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
DICHLORODIFLUOROMETHANE	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
ETHYLBENZENE	5	<0.50 U	0.22 J	<0.50 U	<0.50 U
ISOPROPYLBENZENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
M- AND P-XYLENE	NL	<1.0 U	<1.0 U	<1.0 U	<1.0 U
METHYL ACETATE	NL	<0.75 U	<0.75 U	<0.75 U	<0.75 U
METHYL CYCLOHEXANE	NL	<0.50 U	<0.50 U	<0.50 U	<0.50 U
METHYL TERT-BUTYL ETHER	10	<0.50 U	<0.50 U	0.53 J	0.56 J
METHYLENE CHLORIDE	5	<2.5 U	<2.5 U	<2.5 U	<2.5 U
O-XYLENE	NL	<0.50 U	0.26 J	<0.50 U	<0.50 U
STYRENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
TETRACHLOROETHENE	5	<0.50 U	<0.50 UJ	<0.50 UJ	<0.50 UJ
TOLUENE	5	0.64 J	1.1	<0.50 U	<0.50 U
TRANS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
TRANS-1,3-DICHLOROPROPENE	0.4	<0.50 U	<0.50 U	<0.50 U	<0.50 U
TRICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
TRICHLOROFUOROMETHANE	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
VINYL CHLORIDE	2	<1.0 U	<1.0 U	<1.0 U	<1.0 U
XYLENES, TOTAL	5	<1.5 U	0.26 J	<1.5 U	<1.5 U

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		3/30/2016	3/30/2016	3/31/2016	3/31/2016
Sample ID		VPB167-GW-033016-198-200	VPB167-GW-033016-218-220	VPB167-GW-033116-238-240	VPB167-GW-033116-258-260
Sample Interval (ft bgs)		198-200	218-220	238-240	258-260
Sample type code	N		N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,1,2,2-TETRACHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 U	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,1,2-TRICHLOROETHANE	1	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,1-DICHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,1-DICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2,4-TRICHLOROBENZENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2-DIBROMO-3-CHLOROPROPANE	0.04	<0.75 U	<0.75 U	<0.75 U	<0.75 U
1,2-DIBROMOETHANE	NL	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2-DICHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,2-DICHLOROETHENE, TOTAL	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
1,2-DICHLOROPROPANE	1	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,3-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<0.50 U	<0.50 U
1,4-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<0.50 U	<0.50 U
2-BUTANONE	50	<2.5 U	<2.5 U	<2.5 U	<2.5 U
2-HEXANONE	50	<2.5 U	<2.5 U	<2.5 U	<2.5 U
4-METHYL-2-PENTANONE	NL	<2.5 U	<2.5 U	<2.5 U	<2.5 U
ACETONE	50	<2.5 UJ	5.7 J	3.7 J	2.7 J
BENZENE	1	<0.50 U	<0.50 U	<0.50 U	<0.50 U
BROMODICHLOROMETHANE	50	<0.50 U	<0.50 U	<0.50 U	<0.50 U
BROMOFORM	50	<0.50 U	<0.50 U	<0.50 U	<0.50 U
BROMOMETHANE	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
CARBON DISULFIDE	60	<0.50 U	<0.50 U	<0.50 U	<0.50 U
CARBON TETRACHLORIDE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
CHLOROBENZENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
CHLOROETHANE	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
CHLOROFORM	7	<0.50 U	<0.50 U	<0.50 U	<0.50 U
CHLOROMETHANE	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
CIS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
CIS-1,3-DICHLOROPROPENE	0.4	<0.50 U	<0.50 U	<0.50 U	<0.50 U
CYCLOHEXANE	NL	<0.50 U	<0.50 U	<0.50 U	<0.50 U
DIBROMOCHLOROMETHANE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
DICHLORODIFLUOROMETHANE	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
ETHYLBENZENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
ISOPROPYLBENZENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
M- AND P-XYLENE	NL	<1.0 U	<1.0 U	<1.0 U	<1.0 U
METHYL ACETATE	NL	<0.75 U	<0.75 U	<0.75 U	<0.75 U
METHYL CYCLOHEXANE	NL	<0.50 U	<0.50 U	<0.50 U	<0.50 U
METHYL TERT-BUTYL ETHER	10	<0.50 U	<0.50 U	<0.50 U	<0.50 U
METHYLENE CHLORIDE	5	<2.5 U	<2.5 U	<2.5 U	<2.5 U
O-XYLENE	NL	<0.50 U	<0.50 U	<0.50 U	<0.50 U
STYRENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
TETRACHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
TOLUENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
TRANS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
TRANS-1,3-DICHLOROPROPENE	0.4	<0.50 U	<0.50 U	<0.50 U	<0.50 U
TRICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 U	<0.50 U
TRICHLOROFLUOROMETHANE	5	<1.0 U	<1.0 U	<1.0 U	<1.0 U
VINYL CHLORIDE	2	<1.0 U	<1.0 U	<1.0 U	<1.0 U
XYLENES, TOTAL	5	<1.5 U	<1.5 U	<1.5 U	<1.5 U

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		3/31/2016	4/1/2016	4/1/2016	4/4/2016
Sample ID		VPB167-GW-033116-278-280	VPB167-GW-040116-298-300	VPB167-GW-040116-318-320	VPB167-GW-040416-338-340
Sample Interval (ft bgs)		278-280	298-300	318-320	338-340
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,1,2,2-TETRACHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 UJ	<0.50 U	<0.50 UJ	<0.50 U
1,1,2-TRICHLOROETHANE	1	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,1-DICHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,1-DICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,2,4-TRICHLOROBENZENE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,2-DIBROMO-3-CHLOROPROPANE	0.04	<0.75 U	<0.75 U	<0.75 UJ	<0.75 U
1,2-DIBROMOETHANE	NL	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,2-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,2-DICHLOROETHANE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,2-DICHLOROETHENE, TOTAL	5	<1.0 U	<1.0 U	<1.0 UJ	<1.0 U
1,2-DICHLOROPROPANE	1	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,3-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
1,4-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
2-BUTANONE	50	<2.5 U	<2.5 UJ	5.0 J	<2.5 UJ
2-HEXANONE	50	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 UJ
4-METHYL-2-PENTANONE	NL	<2.5 U	<2.5 UJ	<2.5 UJ	<2.5 UJ
ACETONE	50	3.6 J	<2.5 UJ	32 J	<2.5 UJ
BENZENE	1	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
BROMODICHLOROMETHANE	50	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
BROMOFORM	50	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
BROMOMETHANE	5	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 UJ
CARBON DISULFIDE	60	<0.50 U	<0.50 U	0.29 J	0.32 J
CARBON TETRACHLORIDE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
CHLOROBENZENE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
CHLOROETHANE	5	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 UJ
CHLOROFORM	7	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
CHLOROMETHANE	5	<1.0 U	<1.0 UJ	0.80 J	<1.0 UJ
CIS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
CIS-1,3-DICHLOROPROPENE	0.4	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
CYCLOHEXANE	NL	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
DIBROMOCHLOROMETHANE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
DICHLORODIFLUOROMETHANE	5	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 UJ
ETHYLBENZENE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
ISOPROPYLBENZENE	5	<0.50 U	<0.50 UJ	<0.50 UJ	<0.50 UJ
M- AND P-XYLENE	NL	<1.0 U	<1.0 U	<1.0 UJ	<1.0 U
METHYL ACETATE	NL	<0.75 U	<0.75 U	<0.75 UJ	<0.75 U
METHYL CYCLOHEXANE	NL	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
METHYL TERT-BUTYL ETHER	10	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
METHYLENE CHLORIDE	5	<2.5 U	<2.5 U	<2.5 UJ	<2.5 U
O-XYLENE	NL	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
STYRENE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
TETRACHLOROETHENE	5	<0.50 UJ	<0.50 U	<0.50 UJ	<0.50 U
TOLUENE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
TRANS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
TRANS-1,3-DICHLOROPROPENE	0.4	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
TRICHLOROETHENE	5	<0.50 U	<0.50 U	<0.50 UJ	<0.50 U
TRICHLOROFLUOROMETHANE	5	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 UJ
VINYL CHLORIDE	2	<1.0 U	<1.0 UJ	<1.0 UJ	<1.0 UJ
XYLENES, TOTAL	5	<1.5 U	<1.5 U	<1.5 UJ	<1.5 U

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		4/4/2016	4/4/2016	4/5/2016	4/5/2016
Sample ID		VPB167-GW-040416-358-360	VPB167-GW-FD-040416	VPB167-GW-040516-378-380	VPB167-GW-040516-398-400
Sample Interval (ft bgs)		358-360	358-360	378-380	398-400
Sample type code	N		FD	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,1,2,2-TETRACHLOROETHANE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,1,2-TRICHLOROETHANE	1	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,1-DICHLOROETHANE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,1-DICHLOROETHENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,2,4-TRICHLOROBENZENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,2-DIBROMO-3-CHLOROPROPANE	0.04	<0.75 U	<0.75 U	<3.8 U	<0.75 U
1,2-DIBROMOETHANE	NL	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,2-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,2-DICHLOROETHANE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,2-DICHLOROETHENE, TOTAL	5	<1.0 U	<1.0 U	<5.0 U	<1.0 U
1,2-DICHLOROPROPANE	1	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,3-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<2.5 U	<0.50 U
1,4-DICHLOROBENZENE	3	<0.50 U	<0.50 U	<2.5 U	<0.50 U
2-BUTANONE	50	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
2-HEXANONE	50	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
4-METHYL-2-PENTANONE	NL	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
ACETONE	50	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
BENZENE	1	<0.50 U	<0.50 U	<2.5 U	<0.50 U
BROMODICHLOROMETHANE	50	<0.50 U	<0.50 U	<2.5 U	<0.50 U
BROMOFORM	50	<0.50 U	<0.50 U	<2.5 U	<0.50 U
BROMOMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
CARBON DISULFIDE	60	<0.50 U	<0.50 U	<2.5 U	<0.50 U
CARBON TETRACHLORIDE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
CHLOROBENZENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
CHLOROETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
CHLOROFORM	7	<0.50 U	<0.50 U	<2.5 U	<0.50 U
CHLOROMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
CIS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
CIS-1,3-DICHLOROPROPENE	0.4	<0.50 U	<0.50 U	<2.5 U	<0.50 U
CYCLOHEXANE	NL	<0.50 U	<0.50 U	<2.5 U	<0.50 U
DIBROMOCHLOROMETHANE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
DICHLORODIFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
ETHYLBENZENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
ISOPROPYLBENZENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
M- AND P-XYLENE	NL	<1.0 U	<1.0 U	<5.0 U	<1.0 U
METHYL ACETATE	NL	<0.75 U	<0.75 U	<3.8 U	<0.75 U
METHYL CYCLOHEXANE	NL	<0.50 U	<0.50 U	60	1.7
METHYL TERT-BUTYL ETHER	10	<0.50 U	<0.50 U	<2.5 U	<0.50 U
METHYLENE CHLORIDE	5	<2.5 U	<2.5 U	<12 U	<2.5 U
O-XYLENE	NL	<0.50 U	<0.50 U	<2.5 U	<0.50 U
STYRENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
TETRACHLOROETHENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
TOLUENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
TRANS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
TRANS-1,3-DICHLOROPROPENE	0.4	<0.50 U	<0.50 U	<2.5 U	<0.50 U
TRICHLOROETHENE	5	<0.50 U	<0.50 U	<2.5 U	<0.50 U
TRICHLOROFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
VINYL CHLORIDE	2	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
XYLENES, TOTAL	5	<1.5 U	<1.5 U	<7.5 U	<1.5 U

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		4/6/2016	4/6/2016	4/7/2016	4/11/2016
Sample ID		VPB167-GW-040616-418-420	VPB167-GW-040616-438-440	VPB167-GW-040716-458-460	VPB167-GW-041116-478-480
Sample Interval (ft bgs)		418-420	438-440	458-460	478-480
Sample type code			N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,1,2,2-TETRACHLOROETHANE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,1,2-TRICHLOROETHANE	1	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,1-DICHLOROETHANE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,1-DICHLOROETHENE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,2,4-TRICHLOROBENZENE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,2-DIBROMO-3-CHLOROPROPANE	0.04	<0.75 U	<0.75 UJ	<0.75 U	<0.75 U
1,2-DIBROMOETHANE	NL	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,2-DICHLOROBENZENE	3	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,2-DICHLOROETHANE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,2-DICHLOROETHENE, TOTAL	5	<1.0 U	<1.0 UJ	<1.0 U	<1.0 U
1,2-DICHLOROPROPANE	1	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,3-DICHLOROBENZENE	3	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
1,4-DICHLOROBENZENE	3	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
2-BUTANONE	50	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ
2-HEXANONE	50	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ
4-METHYL-2-PENTANONE	NL	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 U
ACETONE	50	<2.5 UJ	<2.5 UJ	3.9 J	4.9 J
BENZENE	1	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
BROMODICHLOROMETHANE	50	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
BROMOFORM	50	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
BROMOMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 U
CARBON DISULFIDE	60	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
CARBON TETRACHLORIDE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
CHLOROBENZENE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
CHLOROETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ
CHLOROFORM	7	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
CHLOROMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 U
CIS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
CIS-1,3-DICHLOROPROPENE	0.4	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
CYCLOHEXANE	NL	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
DIBROMOCHLOROMETHANE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
DICHLORODIFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ
ETHYLBENZENE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
ISOPROPYLBENZENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 U
M- AND P-XYLENE	NL	<1.0 U	<1.0 UJ	<1.0 U	<1.0 U
METHYL ACETATE	NL	<0.75 U	<0.75 UJ	<0.75 U	<0.75 U
METHYL CYCLOHEXANE	NL	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
METHYL TERT-BUTYL ETHER	10	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
METHYLENE CHLORIDE	5	<2.5 U	<2.5 UJ	<2.5 U	<2.5 UJ
O-XYLENE	NL	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
STYRENE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
TETRACHLOROETHENE	5	<0.50 U	<0.50 UJ	<0.50 UJ	<0.50 UJ
TOLUENE	5	<0.50 U	<0.50 UJ	<0.50 U	0.36 J
TRANS-1,2-DICHLOROETHENE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
TRANS-1,3-DICHLOROPROPENE	0.4	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
TRICHLOROETHENE	5	<0.50 U	<0.50 UJ	<0.50 U	<0.50 U
TRICHLOROFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 U
VINYL CHLORIDE	2	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 U
XYLENES, TOTAL	5	<1.5 U	<1.5 UJ	<1.5 U	<1.5 U

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		4/11/2016	4/12/2016	4/15/2016	4/18/2016
Sample ID		VPB167-GW-041116-498-500	VPB167-GW-041216-518-520	VPB167-GW-041516-538-540	VPB167-GW-041816-578-580
Sample Interval (ft bgs)		498-500	518-520	538-540	578-580
Sample type code			N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,1,2,2-TETRACHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,1,2-TRICHLOROETHANE	1	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,1-DICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,1-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,2,4-TRICHLOROBENZENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	<0.75 UJ	<0.75 UJ	<0.75 UJ	<0.75 UJ
1,2-DIBROMOETHANE	NL	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,2-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,2-DICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,2-DICHLOROETHENE, TOTAL	5	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
1,2-DICHLOROPROPANE	1	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,3-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
1,4-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
2-BUTANONE	50	<2.5 UJ	1.9 J	<2.5 UJ	<2.5 UJ
2-HEXANONE	50	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ
4-METHYL-2-PENTANONE	NL	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ
ACETONE	50	6.1 J	<2.5 UJ	11 J	7.9 J
BENZENE	1	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
BROMODICHLOROMETHANE	50	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
BROMOFORM	50	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
BROMOMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
CARBON DISULFIDE	60	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
CARBON TETRACHLORIDE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
CHLOROBENZENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
CHLOROETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
CHLOROFORM	7	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
CHLOROMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
CIS-1,2-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
CIS-1,3-DICHLOROPROPENE	0.4	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
CYCLOHEXANE	NL	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
DIBROMOCHLOROMETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
DICHLORODIFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
ETHYLBENZENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
ISOPROPYLBENZENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
M- AND P-XYLENE	NL	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
METHYL ACETATE	NL	<0.75 UJ	<0.75 UJ	<0.75 UJ	<0.75 UJ
METHYL CYCLOHEXANE	NL	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
METHYL TERT-BUTYL ETHER	10	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
METHYLENE CHLORIDE	5	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ
O-XYLENE	NL	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
STYRENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
TETRACHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
TOLUENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
TRANS-1,2-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
TRICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
TRICHLOROFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
VINYL CHLORIDE	2	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
XYLENES, TOTAL	5	<1.5 UJ	<1.5 UJ	<1.5 UJ	<1.5 UJ

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		4/18/2016	4/19/2016	4/19/2016	4/20/2016
Sample ID		VPB167-GW-041816-598-600	VPB167-GW-041916-618-620	VPG167-GW-041916-638-640	VPB167-GW-042016-658-660
Sample Interval (ft bgs)		598-600	618-620	638-640	658-660
Sample type code			N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,1,2,2-TETRACHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,1,2-TRICHLOROETHANE	1	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,1-DICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,1-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2,4-TRICHLOROBENZENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	<0.75 UJ	<0.75 UJ	<3.8 UJ	<0.75 UJ
1,2-DIBROMOETHANE	NL	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2-DICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2-DICHLOROETHENE, TOTAL	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
1,2-DICHLOROPROPANE	1	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,3-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,4-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
2-BUTANONE	50	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
2-HEXANONE	50	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
4-METHYL-2-PENTANONE	NL	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
ACETONE	50	10 J	<2.5 UJ	<12 UJ	<2.5 UJ
BENZENE	1	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
BROMODICHLOROMETHANE	50	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
BROMOFORM	50	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
BROMOMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
CARBON DISULFIDE	60	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CARBON TETRACHLORIDE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CHLOROBENZENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CHLOROETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
CHLOROFORM	7	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CHLOROMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
CIS-1,2-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CIS-1,3-DICHLOROPROPENE	0.4	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CYCLOHEXANE	NL	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
DIBROMOCHLOROMETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
DICHLORODIFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
ETHYLBENZENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
ISOPROPYLBENZENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
M- AND P-XYLENE	NL	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
METHYL ACETATE	NL	<0.75 UJ	<0.75 UJ	<3.8 UJ	<0.75 UJ
METHYL CYCLOHEXANE	NL	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
METHYL TERT-BUTYL ETHER	10	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
METHYLENE CHLORIDE	5	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
O-XYLENE	NL	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
STYRENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TETRACHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TOLUENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TRANS-1,2-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TRICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TRICHLOROFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
VINYL CHLORIDE	2	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
XYLENES, TOTAL	5	<1.5 UJ	<1.5 UJ	<7.5 UJ	<1.5 UJ

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		4/20/2016	4/21/2016	4/21/2016	4/22/2016
Sample ID		VPB167-GW-042016-678-680	VPB167-GW-042116-698-700	VPB167-GW-042116-718-720	VPB167-GW-042216-738-740
Sample Interval (ft bgs)		678-680	698-700	718-720	738-740
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,1,2,2-TETRACHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,1,2-TRICHLOROETHANE	1	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,1-DICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,1-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2,4-TRICHLOROBENZENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	<0.75 UJ	<0.75 UJ	<3.8 UJ	<0.75 UJ
1,2-DIBROMOETHANE	NL	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2-DICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,2-DICHLOROETHENE, TOTAL	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
1,2-DICHLOROPROPANE	1	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,3-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
1,4-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
2-BUTANONE	50	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
2-HEXANONE	50	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
4-METHYL-2-PENTANONE	NL	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
ACETONE	50	<2.5 UJ	<2.5 UJ	<12 UJ	20 J
BENZENE	1	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
BROMODICHLOROMETHANE	50	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
BROMOFORM	50	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
BROMOMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
CARBON DISULFIDE	60	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CARBON TETRACHLORIDE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CHLOROBENZENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CHLOROETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
CHLOROFORM	7	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CHLOROMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
CIS-1,2-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CIS-1,3-DICHLOROPROPENE	0.4	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
CYCLOHEXANE	NL	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
DIBROMOCHLOROMETHANE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
DICHLORODIFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
ETHYLBENZENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
ISOPROPYLBENZENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
M- AND P-XYLENE	NL	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
METHYL ACETATE	NL	<0.75 UJ	<0.75 UJ	<3.8 UJ	<0.75 UJ
METHYL CYCLOHEXANE	NL	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
METHYL TERT-BUTYL ETHER	10	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
METHYLENE CHLORIDE	5	<2.5 UJ	<2.5 UJ	<12 UJ	<2.5 UJ
O-XYLENE	NL	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
STYRENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TETRACHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TOLUENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TRANS-1,2-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TRICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<2.5 UJ	<0.50 UJ
TRICHLOROFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
VINYL CHLORIDE	2	<1.0 UJ	<1.0 UJ	<5.0 UJ	<1.0 UJ
XYLENES, TOTAL	5	<1.5 UJ	<1.5 UJ	<7.5 UJ	<1.5 UJ

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		4/25/2016	4/25/2016	4/26/2016	4/27/2016
Sample ID		VPB167-GW-042516-763-765	VPB167-GW-042516-778-780	VPB167-GW-042616-798-800	VPB167-GW-042716-818-820
Sample Interval (ft bgs)		763-765	778-780	798-800	818-820
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,1,2,2-TETRACHLOROETHANE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,1,2-TRICHLOROETHANE	1	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,1-DICHLOROETHANE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,1-DICHLOROETHENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,2,4-TRICHLOROBENZENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	<0.75 UJ	<3.8 UJ	<0.75 UJ	<3.8 UJ
1,2-DIBROMOETHANE	NL	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,2-DICHLOROBENZENE	3	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,2-DICHLOROETHANE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,2-DICHLOROETHENE, TOTAL	5	<1.0 UJ	<5.0 UJ	<1.0 UJ	<5.0 UJ
1,2-DICHLOROPROPANE	1	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,3-DICHLOROBENZENE	3	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
1,4-DICHLOROBENZENE	3	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
2-BUTANONE	50	<2.5 UJ	<12 UJ	<2.5 UJ	<12 UJ
2-HEXANONE	50	<2.5 UJ	<12 UJ	<2.5 UJ	<12 UJ
4-METHYL-2-PENTANONE	NL	<2.5 UJ	<12 UJ	<2.5 UJ	<12 UJ
ACETONE	50	<2.5 UJ	<12 UJ	11 J	16 J
BENZENE	1	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
BROMODICHLOROMETHANE	50	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
BROMOFORM	50	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
BROMOMETHANE	5	<1.0 UJ	<5.0 UJ	<1.0 UJ	<5.0 UJ
CARBON DISULFIDE	60	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
CARBON TETRACHLORIDE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
CHLOROBENZENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
CHLOROETHANE	5	<1.0 UJ	<5.0 UJ	<1.0 UJ	<5.0 UJ
CHLOROFORM	7	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
CHLOROMETHANE	5	<1.0 UJ	<5.0 UJ	<1.0 UJ	<5.0 UJ
CIS-1,2-DICHLOROETHENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
CIS-1,3-DICHLOROPROPENE	0.4	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
CYCLOHEXANE	NL	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
DIBROMOCHLOROMETHANE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
DICHLORODIFLUOROMETHANE	5	<1.0 UJ	<5.0 UJ	<1.0 UJ	<5.0 UJ
ETHYLBENZENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
ISOPROPYLBENZENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
M- AND P-XYLENE	NL	<1.0 UJ	<5.0 UJ	<1.0 UJ	<5.0 UJ
METHYL ACETATE	NL	<0.75 UJ	<3.8 UJ	<0.75 UJ	<3.8 UJ
METHYL CYCLOHEXANE	NL	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
METHYL TERT-BUTYL ETHER	10	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
METHYLENE CHLORIDE	5	<2.5 UJ	<12 UJ	<2.5 UJ	<12 UJ
O-XYLENE	NL	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
STYRENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
TETRACHLOROETHENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
TOLUENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	9.2 J
TRANS-1,2-DICHLOROETHENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
TRICHLOROETHENE	5	<0.50 UJ	<2.5 UJ	<0.50 UJ	<2.5 UJ
TRICHLOROFLUOROMETHANE	5	<1.0 UJ	<5.0 UJ	<1.0 UJ	<5.0 UJ
VINYL CHLORIDE	2	<1.0 UJ	<5.0 UJ	<1.0 UJ	<5.0 UJ
XYLENES, TOTAL	5	<1.5 UJ	<7.5 UJ	<1.5 UJ	<7.5 UJ

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167	VPB167
Sample Date		4/27/2016	4/29/2016	5/2/2016	5/3/2016
Sample ID		VPB167-GW-042716-838-840	VPB167-GW-042916-898-900	VPB167-GW-050216-918-920	VPB167-GW-050316-943-945
Sample Interval (ft bgs)		838-840	898-900	918-920	943-945
Sample type code		N	N	N	N
VOC 8260C (ug/L)					
1,1,1-TRICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,1,2,2-TETRACHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,1,2-TRICHLOROETHANE	1	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,1-DICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,1-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,2,4-TRICHLOROBENZENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	<0.75 UJ	<0.75 UJ	<0.75 U	<0.75 UJ
1,2-DIBROMOETHANE	NL	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,2-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,2-DICHLOROETHANE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,2-DICHLOROETHENE, TOTAL	5	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ
1,2-DICHLOROPROPANE	1	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,3-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
1,4-DICHLOROBENZENE	3	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
2-BUTANONE	50	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ
2-HEXANONE	50	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ
4-METHYL-2-PENTANONE	NL	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.5 UJ
ACETONE	50	12 J	<2.5 UJ	<2.5 UJ	<2.5 UJ
BENZENE	1	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
BROMODICHLOROMETHANE	50	<0.50 UJ	<0.50 UJ	0.72 J	<0.50 UJ
BROMOFORM	50	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
BROMOMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ
CARBON DISULFIDE	60	<0.50 UJ	<0.50 UJ	<0.50 U	1.0 J
CARBON TETRACHLORIDE	5	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
CHLOROBENZENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
CHLOROETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ
CHLOROFORM	7	<0.50 UJ	<0.50 UJ	0.48 J	<0.50 UJ
CHLOROMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ
CIS-1,2-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
CIS-1,3-DICHLOROPROPENE	0.4	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
CYCLOHEXANE	NL	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
DIBROMOCHLOROMETHANE	5	<0.50 UJ	<0.50 UJ	0.96 J	<0.50 UJ
DICHLORODIFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 UJ	<1.0 UJ
ETHYLBENZENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
ISOPROPYLBENZENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
M- AND P-XYLENE	NL	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ
METHYL ACETATE	NL	<0.75 UJ	<0.75 UJ	<0.75 U	<0.75 UJ
METHYL CYCLOHEXANE	NL	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
METHYL TERT-BUTYL ETHER	10	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
METHYLENE CHLORIDE	5	<2.5 UJ	<2.5 UJ	<2.5 U	<2.5 UJ
O-XYLENE	NL	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
STYRENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
TETRACHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
TOLUENE	5	0.80 J	56 J	0.80 J	48 J
TRANS-1,2-DICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
TRICHLOROETHENE	5	<0.50 UJ	<0.50 UJ	<0.50 U	<0.50 UJ
TRICHLOROFLUOROMETHANE	5	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ
VINYL CHLORIDE	2	<1.0 UJ	<1.0 UJ	<1.0 U	<1.0 UJ
XYLENES, TOTAL	5	<1.5 UJ	<1.5 UJ	<1.5 U	<1.5 UJ

Location	NYSDEC Groundwater Guidance or Standard Value (Note 1)	VPB167	VPB167	VPB167
Sample Date		5/4/2016	5/4/2016	5/5/2016
Sample ID		VPB167-GW-050416-958-960	VPB167-GW-050416-963-965	VPB167-GW-050516-978-980
Sample Interval (ft bgs)		958-960	963-965	978-980
Sample type code		N	N	N
VOC 8260C (ug/L)				
1,1,1-TRICHLOROETHANE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,1,2,2-TETRACHLOROETHANE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,1,2-TRICHLOROETHANE	1	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,1-DICHLOROETHANE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,1-DICHLOROETHENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,2,4-TRICHLOROBENZENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,2-DIBROMO-3-CHLOROPROPANE	0.04	<3.8 UJ	<3.0 UJ	<3.8 UJ
1,2-DIBROMOETHANE	NL	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,2-DICHLOROBENZENE	3	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,2-DICHLOROETHANE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,2-DICHLOROETHENE, TOTAL	5	<5.0 UJ	<4.0 UJ	<5.0 UJ
1,2-DICHLOROPROPANE	1	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,3-DICHLOROBENZENE	3	<2.5 UJ	<2.0 UJ	<2.5 UJ
1,4-DICHLOROBENZENE	3	<2.5 UJ	<2.0 UJ	<2.5 UJ
2-BUTANONE	50	<12 UJ	<10 UJ	<12 UJ
2-HEXANONE	50	<12 UJ	<10 UJ	<12 UJ
4-METHYL-2-PENTANONE	NL	<12 UJ	<10 UJ	<12 UJ
ACETONE	50	<12 UJ	<10 UJ	<12 UJ
BENZENE	1	<2.5 UJ	<2.0 UJ	<2.5 UJ
BROMODICHLOROMETHANE	50	<2.5 UJ	<2.0 UJ	<2.5 UJ
BROMOFORM	50	<2.5 UJ	<2.0 UJ	<2.5 UJ
BROMOMETHANE	5	<5.0 UJ	<4.0 UJ	<5.0 UJ
CARBON DISULFIDE	60	<2.5 UJ	<2.0 UJ	<2.5 UJ
CARBON TETRACHLORIDE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
CHLOROBENZENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
CHLOROETHANE	5	<5.0 UJ	<4.0 UJ	<5.0 UJ
CHLOROFORM	7	<2.5 UJ	<2.0 UJ	<2.5 UJ
CHLOROMETHANE	5	<5.0 UJ	<4.0 UJ	<5.0 UJ
CIS-1,2-DICHLOROETHENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
CIS-1,3-DICHLOROPROPENE	0.4	<2.5 UJ	<2.0 UJ	<2.5 UJ
CYCLOHEXANE	NL	<2.5 UJ	<2.0 UJ	<2.5 UJ
DIBROMOCHLOROMETHANE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
DICHLORODIFLUOROMETHANE	5	<5.0 UJ	<4.0 UJ	<5.0 UJ
ETHYLBENZENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
ISOPROPYLBENZENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
M- AND P-XYLENE	NL	<5.0 UJ	<4.0 UJ	<5.0 UJ
METHYL ACETATE	NL	<3.8 UJ	<3.0 UJ	<3.8 UJ
METHYL CYCLOHEXANE	NL	<2.5 UJ	<2.0 UJ	<2.5 UJ
METHYL TERT-BUTYL ETHER	10	<2.5 UJ	<2.0 UJ	<2.5 UJ
METHYLENE CHLORIDE	5	<12 UJ	<10 UJ	<12 UJ
O-XYLENE	NL	<2.5 UJ	<2.0 UJ	<2.5 UJ
STYRENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
TETRACHLOROETHENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
TOLUENE	5	61 J	69 J	5.8 J
TRANS-1,2-DICHLOROETHENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
TRANS-1,3-DICHLOROPROPENE	0.4	<2.5 UJ	<2.0 UJ	<2.5 UJ
TRICHLOROETHENE	5	<2.5 UJ	<2.0 UJ	<2.5 UJ
TRICHLOROFLUOROMETHANE	5	<5.0 UJ	<4.0 UJ	<5.0 UJ
VINYL CHLORIDE	2	<5.0 UJ	<4.0 UJ	<5.0 UJ
XYLENES, TOTAL	5	<7.5 UJ	<6.0 UJ	<7.5 UJ

Notes:

1 New York State Department of Environmental Conservation Division of Water Technical and Operation Guidance series
(6 NYCRR 700-706, Part 703.5 summarized in TOGS 1.1.1)

Ambient water quality standards and groundwater effluent limitations, class GA; NL = Not Listed

Bold = Detected; ***Bold and Italics*** =Not detected exceeds NYS Groundwater Standards or guidance value

Yellow highlighted values exceed Groundwater Standards or guidance value

Sample type codes: N - normal environmental sample, FD - field duplicate

U = Nondetected result. The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

UJ = The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte.

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

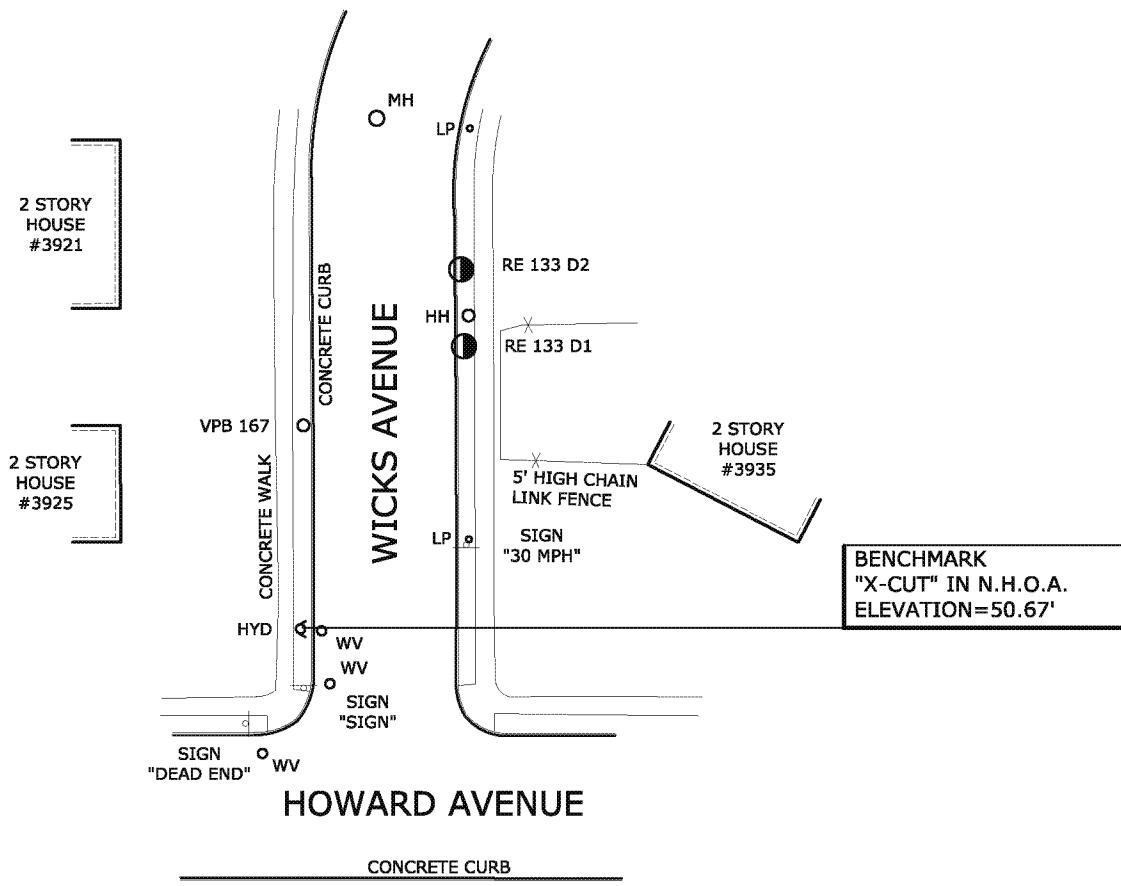
M = the matrix spike or matrix spike duplicate did not meet recovery or precision requirements.

Section 6

VPB167 Survey

UNAUTHORIZED ALTERATION OR ADDITION TO
THIS DOCUMENT IS A VIOLATION OF SECTION
7209 SUBDIVISION 2 OF THE NEW YORK STATE
EDUCATION LAW.

Description	Northing	Easting	Latitude	Longitude	Ground	Rim	PVC
VPB 167	193959.30	1126194.17	N40-41-52.48	W73-29-17.15	48.85	NA	NA
RE 133 D1	193975.82	1126227.64	N40-41-52.64	W73-29-16.72	48.89	48.91	48.38
RE 133 D2	193991.82	1126227.06	N40-41-52.80	W73-29-16.72	48.91	49.02	48.72

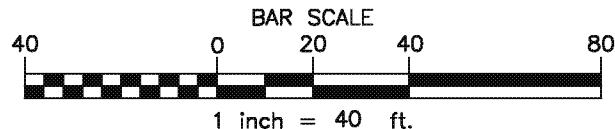


Legend

- | | |
|-----------|-------------------------|
| ○ HH | Hand Hole |
| ○ HYD | Hydrant |
| ● LP | Light Pole |
| ● MW | Monitoring Well |
| ○ MH | Manhole |
| ○ VPB 167 | Vertical Profile Boring |
| ○ WV | Water Valve |

Map Notes

- Information shown hereon was compiled from an actual field survey conducted on October 12, 2016.
- North orientation is Grid North based on the New York State Plane Coordinate System, Long Island Zone, NAD 83 as obtained from GPS observations.
- Vertical datum shown hereon is NAVD 88 as obtained from GPS observations.



DWG NO. 16-577

Date	RECORD OF WORK	Appr.	VERTICAL PROFILE BORING 167 SURVEY LOCATION HOWARD AVENUE/WICKS AVENUE
			TOWN OF BETHPAGE
			NASSAU COUNTY, NEW YORK
			C.T. MALE ASSOCIATES Engineering, Surveying, Architecture & Landscape Architecture, D.P.C.
Drafter: GLB	Checker: JFC		50 CENTURY HILL DRIVE, LATHAM, NY 12110 518.786.7400 * FAX 518.786.7299
Appr. by: JFC	Proj. No. 14.4121		SCALE: 1"=40'
			DATE: OCT. 12, 2016



Appendix B

Geologic Cross sections derived from

Environmental Sequence Stratigraphy (ESS)

Appendix B. Geologic Cross Sections derived from Environmental Sequence Stratigraphy

Resolution Consultants reviewed the geologic data and regional literature at the Naval Weapons Industrial Reserve Plant at Bethpage, New York and developed four representative base-wide cross sections to support development of a Conceptual Site Model (CSM). The cross sections are presented in Figure 1 - Figure 4. The cross sections provide geologic context for groundwater and analytical data and can be used as the framework upon which new and existing datasets (groundwater, analytical chemistry, geophysical data, etc.) can be analyzed to better understand groundwater flow-paths and contaminant transport and storage zones. As such, these sections are an integral component of an effective CSM.

The cross sections were developed using Environmental Sequence Stratigraphy (ESS). The ESS approach examines subsurface data in the context of the depositional environments and petroleum industry best practices of sequence stratigraphy and facies models. Shown for each boring included in the stratigraphic analysis are a vertical series of colored blocks which correspond to boring log lithology and a continuous data curve (in red or as a scan of a paper document, which corresponds to the gamma log). These colored blocks represent vertical grain size distribution and are the basis for the correlations between the data points.

The color coded blocks correspond to the graphic grainsize scale as shown in the cross-sections' keys. The width of the block increases with relative grainsize. Block color indicates the textural classification of the sediment (e.g., yellow for sand, green for silt, blue for clay) as written in the field notes of the core logging geologist (see the cross section keys for further definition).

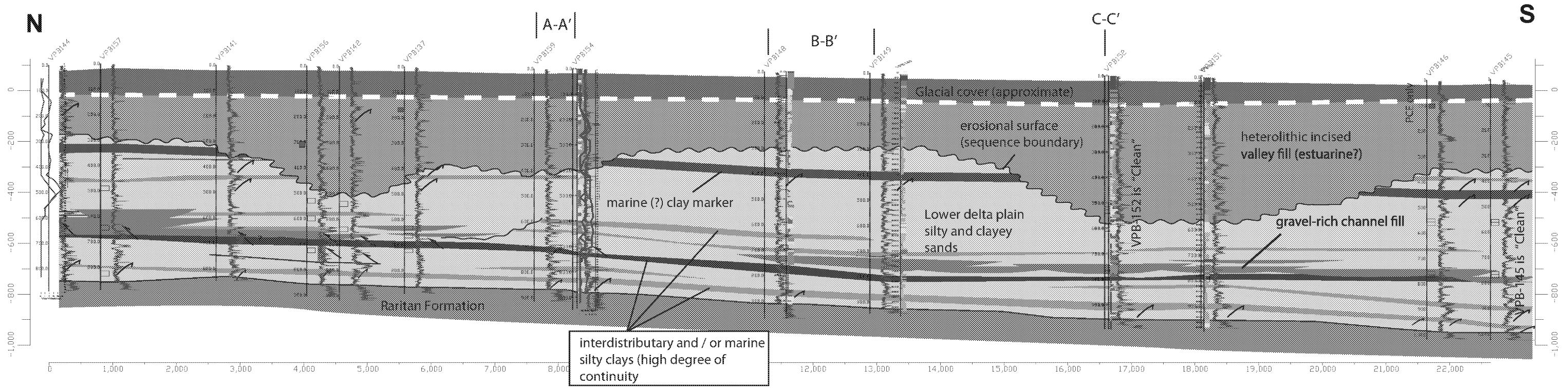
Logs of natural gamma emissions are a common proxy for grainsize. They typically are used as a correlation aide because repetitive spatially extensive trends in grainsize are easily identified visually when curves are examined along a given section. In non-granitic aquifer material, the chemistry of minerals found in clays result in higher concentrations of gamma emitting anions as opposed to the quartz, heavy minerals, and lithic fragments that generally predominate the coarser size fractions. Thus, peaks in the gamma logs can be indicative of clay layers and in general as gamma count per second increases, the grainsize decreases. Gamma logs should always be "calibrated" by comparing side by side with a lithologic log at representative locations. Good agreement between gamma logs and lithology logs were noted in the data points used for the ESS sections at Bethpage.

The previously established general hydrostratigraphy at Bethpage consists of the basal Raritan confining unit, the Magothy aquifer, and the shallow glacial aquifer. The stratigraphy shown in the sections presented in this tech memo is consistent with this general model but additionally shows the Magothy to consist of basal zone gravel-rich channel fills (orange in sections); extensive, planar marine clays (thin units shown in grey and dark green); and silty sands of inter-distributary and delta front origins (shown in tan). Additionally, an erosional incision into the lower delta plain sediments is observed throughout the site (portrayed in sections as a wavy solid black line). Above this, the Magothy sediments are more likely estuarine "incised valley fill" as indicated by the more heterogeneous gamma ray character. In some locations, such as VPB-139 on section A-A', there appears to be clear lithologic control on contaminant distribution within the estuarine facies where the higher TCE and PCE concentrations occur in the coarser lithologic zones.

The depositional axis of the incised valley fill likely trends north-south/southeast. The incision is clearly indicated on all sections via the correlation of a prominent clay layer shown in sections in dark green. Where this clay is missing in the gamma logs, it is likely that it was eroded during a lowstand of sea level. Additionally, while relatively planar in their geometry, the major units dip gently south-south east. This is an important geologic characteristic to consider when comparing analytical results because hydrologic zones separated by thin confining layers within the Magothy may be accessed by screens of similar depth.

One of the most important benefits of the ESS approach is to develop and refine the CSM. ESS facilitates an understanding of the geology governing groundwater occurrence and movement, and provides an element for refining the approaches for assessment and remediation. The ESS results from this effort suggest that a modern analog (a modern geological setting that allows an understanding of the ancient environment) for the Magothy depositional environments is the Mackenzie River Delta, shown in Figure 5. Basal gravel zones are represented by the braided river deposits of the Toklat River, Alaska, in Figure 6.

Environmental Sequence Stratigraphy cross section



GRAIN SIZE LOG INDEX*

* not all grainsize categories shown in the comprehensive key are present at the site.
Site sediments are predominantly fine (clays, sandy clays, silts, and fine to medium sand)

Clay	Silt Sand (Medium Sand with 10-20% Fines)
Clay with 10% Sand	Clayey Sand (Medium Sand with 10-20% Fines)
Clay with 20% Sand	Fine Sand with Fine Gravel
Clay with 30% Sand	Fine Sand with Medium Gravel
Clay with 40% Sand	Fine Sand with Coarse Gravel
Clay with Fine Gravel	Medium Sand
Clay with Medium Gravel	Silty Sand (Coarse Sand with 50% Fines)
Clay with Coarse Gravel	Clayey Sand (Coarse Sand with 50% Fines)
Silt	Silty Sand (Coarse Sand with 40% Fines)
Silt with 10% Sand	Clayey Sand (Coarse Sand with 40% Fines)
Silt with 20% Sand	Silty Sand (Coarse Sand with 30% Fines)
Sandy Silt	Clayey Sand (Coarse Sand with 30% Fines)
Silty Sand	Silty Sand (Coarse Sand with 10-20% Fines)
Clayey Sand	Clayey Sand (Coarse Sand with 10-20% Fines)
Silty Sand (Fine Sand with 40% Fines)	Medium Sand with Fine Gravel
Clayey Sand (Fine Sand with 40% Fines)	Medium Sand with Medium Gravel
Silty Sand (Fine Sand with 30% Fines)	Medium Sand with Coarse Gravel
Clayey Sand (Fine Sand with 30% Fines)	Coarse Sand
Silty Sand (Fine Sand with 10-20% Fines)	Coarse Sand with Fine Gravel
Clayey Sand (Fine Sand with 10-20% Fines)	Coarse Sand with Medium Gravel
Gravelly Silt (Silt with Fine Gravel)	Coarse Sand with Coarse Gravel
Gravelly Silt (Silt with Medium Gravel)	Clayey/Silty Gravel (Fine gravel with clay/silt)
Gravelly Silt (Silt with Coarse Gravel)	Clayey/Silty Gravel (Medium gravel with clay/silt)
Fine Sand	Clayey/Silty Gravel (Coarse gravel with clay/silt)
Silty Sand (Medium Sand with 50% Fines)	Sandy Gravel (Fine Gravel with Sand)
Clayey Sand (Medium Sand with 50% Fines)	Sandy Gravel (Medium Gravel with Sand)
Silty Sand (Medium Sand with 40% Fines)	Sandy Gravel (Coarse Gravel with Sand)
Clayey Sand (Medium Sand with 40% Fines)	Fine Gravel
Silty Sand (Medium Sand with 30% Fines)	Medium Gravel
Clayey Sand (Medium Sand with 30% Fines)	Coarse Gravel

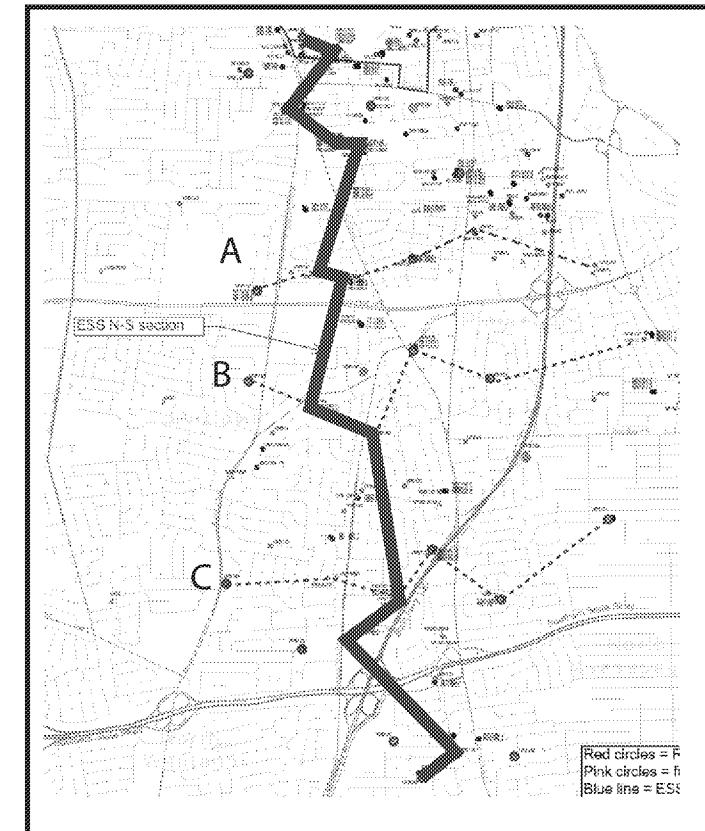


Figure 1. Cross Section N-S

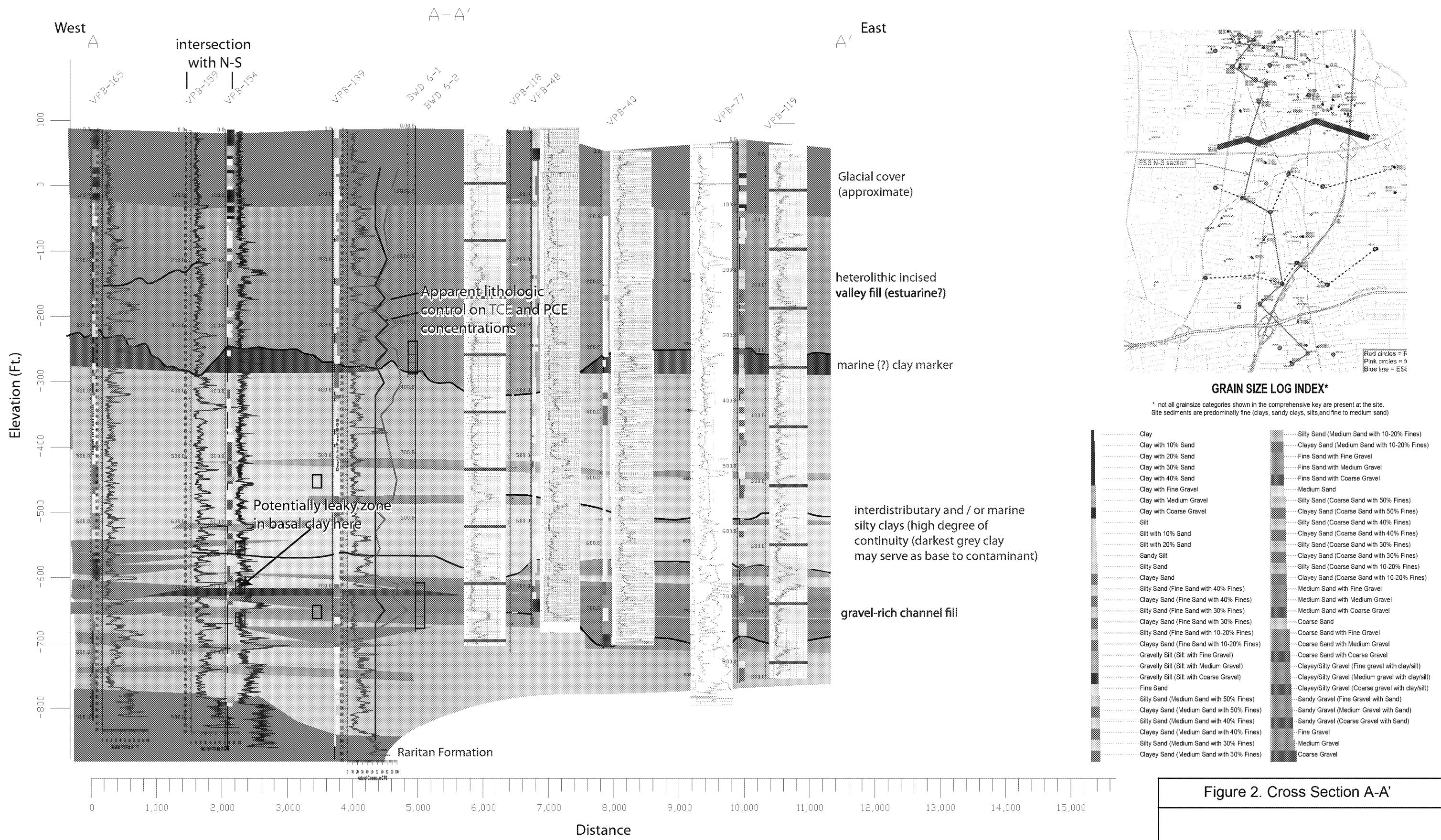
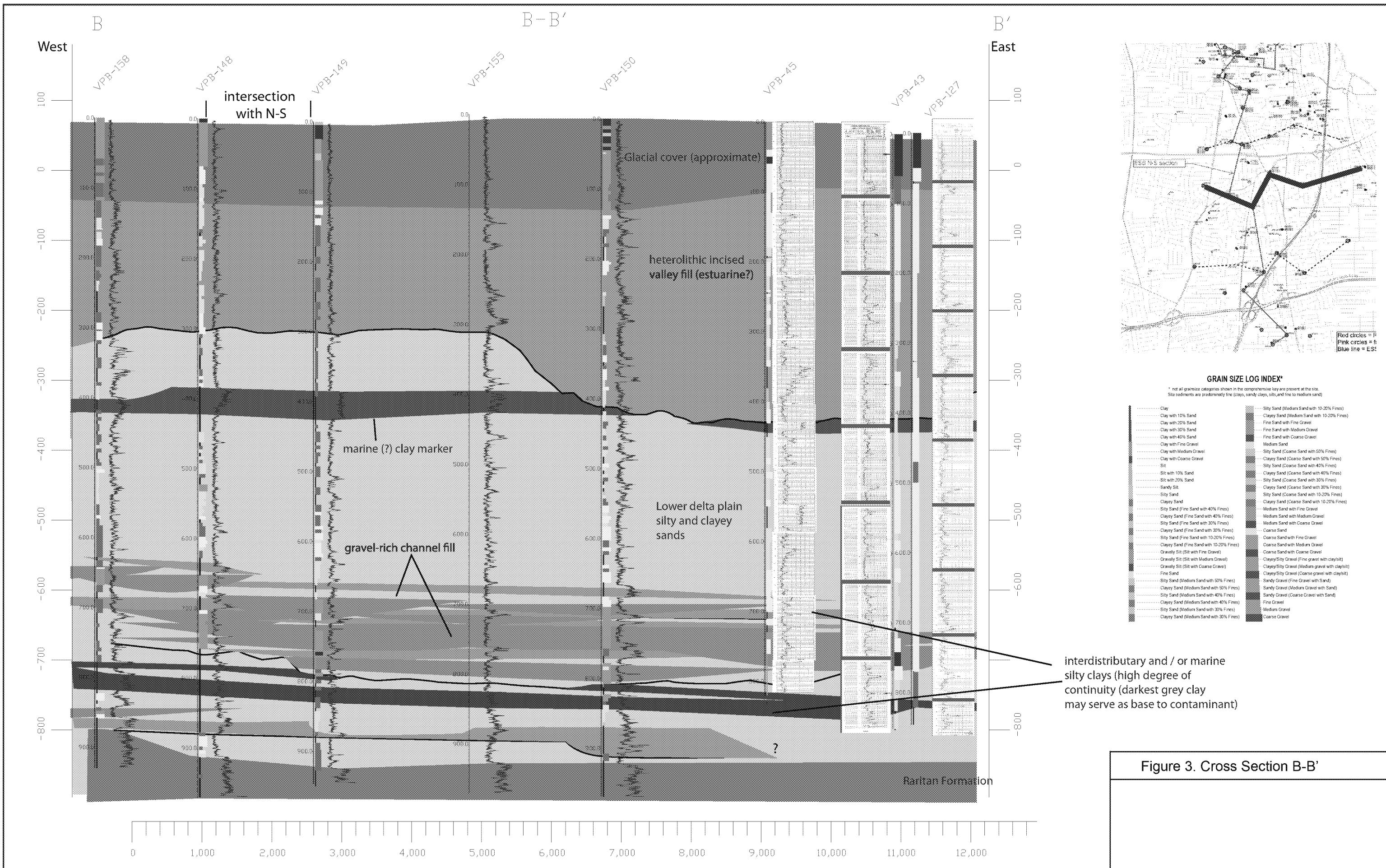


Figure 2. Cross Section A-A'



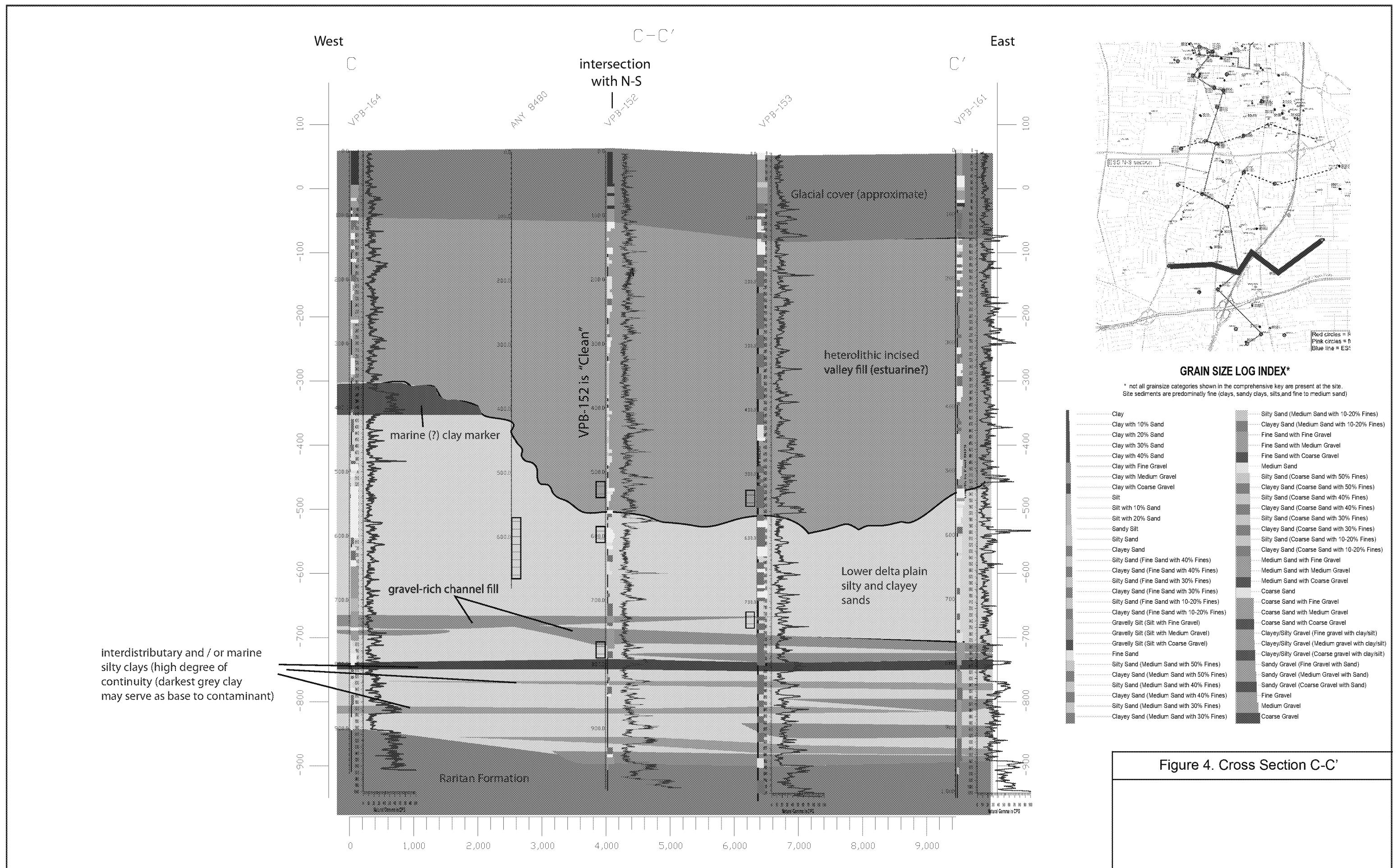


Figure 4. Cross Section C-C'

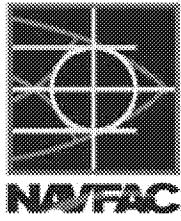
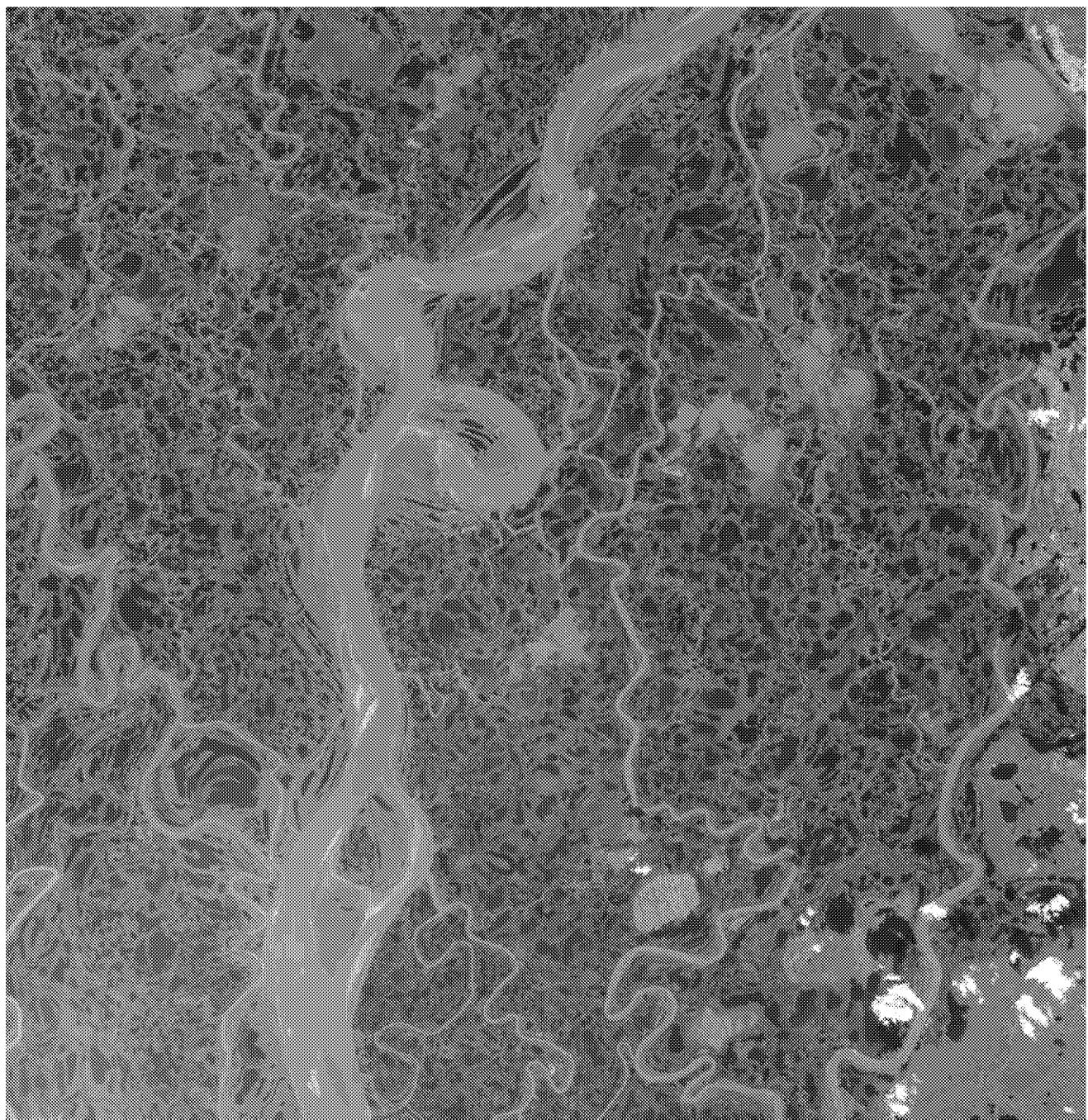


Figure 5. Mackenzie River Delta depositional environment

Source: Thermal Emission and Reflection Radiometer image from NASA's TERRA satellite, August 4, 2005, Mackenzie River, Canada. Image from GSFC/METI/ERSDAC/JAROS and the US/Japan ASTER Science Team. <http://earthobservatory.nasa.gov/IOTD/view.php?id=8320>



Figure 6. Braided river depositional environment

Source: East Fork Toklat River, Alaska Range, Denali National Park
<https://pubs.usgs.gov/of/2004/1216/b/b.html>

